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Serials

THE

CALENDAR

OF THE

University of Toronto

FACULTY OF MEDICINE

1918-1919

UNIVERSITY OF TORONTO PRESS

MEDICAL FACULTY
M. GALL

THE

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University of Toronto

FACULTY OF MEDICINE

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1918 CALENDAR 1918

JANUARY						
Sun.	. .	6	13	20	27	
Mon.	. .	7	14	21	28	
Tues.	. 1	8	15	22	29	
Wed.	. 2	9	16	23	30	
Thur.	. 3	10	17	24	31	
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Sat.	. 5	12	19	26	..	

FEBRUARY						
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1919 CALENDAR 1919

JANUARY						
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Sat.	. 6	13	20	27	..	

CALENDAR 1918-1919.

1918—Sept. 2 Monday.....Last day for receiving applications for the September Examinations in Medicine.

Sept. 10 Tuesday.....Supplemental Examinations in Medicine begin.

Sept. 16 Monday.....Registration in Medicine by the Secretary of the Faculty of Medicine.

Sept. 20 Friday.....Meeting of the Council of the Faculty of Medicine.

Oct. 1 Tuesday.....Academic Year begins at 9 a.m.

Oct. 1 Tuesday.....Enrolment in classes by the various Professors.

Oct. 1 Tuesday.....The Opening Address by the President to the Students of all the Faculties at 3 p.m. in Convocation Hall.

Oct. 4 Friday.....Meeting of the Council of the Faculty of Medicine.

Oct. 11 Friday.....Meeting of Senate.

Oct. 12 Saturday.....Stated meeting of the Caput to deal with requests as to social functions until Nov. 15.

Nov. 8 Friday.....Meeting of Senate.

Dec. 6 Friday .....Meeting of the Council of the Faculty of Medicine.

Dec. 13 Friday.....Meeting of Senate.

Dec. 20 Friday.....Last day of Lectures. Term ends at 12 noon.

Dec. 20 Friday.....Railway certificates issued at 12 noon.

Dec. 25 Wednesday....University Buildings closed.

1919—Jan. 1 Wednesday....University Buildings closed.

Jan. 7 Tuesday.....Easter Term begins.

Jan. 10 Friday.....Assemblage of the Students of all the Faculties in Convocation Hall at 12.10 p.m.

Jan. 10 Friday.....Meeting of Senate.

Feb. 6 Friday.....Meeting of the Council of the Faculty of Medicine.

Feb. 14 Friday.....Meeting of Senate.

Mar. 14 Friday.....Meeting of Senate.

1919—Mar. 15 Saturday.....Last day for receiving applications for Annual Examinations in Medicine.
April 4 Friday.....Meeting of the Council of the Faculty of Medicine.
April 11 Friday.....Meeting of Senate.
April 18 Friday.....University Buildings closed.
April 25 Friday.....Meeting of Senate.
May 12 Monday .....Annual Examinations in Medicine begin.
May 24 Saturday.....University Buildings closed.
June 1 Saturday.....Medical Session ends.
June 6 Friday.....University Commencement.
June 13 Wednesday....Meeting of Senate.
July 1 Tuesday.....University Buildings closed

ADMINISTRATIVE OFFICERS.

THE UNIVERSITY.

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Registrar.....JAMES BREBNER, B.A.
Bursar..... FERDINAND ALBERT MOURÉ, ESQ.
Librarian ..... HUGH HORNBY LANGTON, M.A.
Curator of the Archæological Section of the Museum,
CHARLES TRICK CURRELLY, M.A.
Physical Director..... JAMES WARREN BARTON, M.D.
Superintendents of Buildings and Grounds,
COLIN GRAHAM CAMPBELL, B.A., M.B., C.M.
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FACULTY OF MEDICINE.

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Dean..... C. K. CLARKE, M.D., LL.D.
Secretary.....A. PRIMROSE, C.B., M.B., C.M.
Assistant Secretary.....E. STANLEY RYERSON, M.D., C.M.

NOTE:—Communications relating to standing in all Faculties and Departments and to curricula, instruction and examinations in Graduate Courses, Law, Dentistry, Pharmacy, Agriculture, Music, Pedagogy, Gymnastics and Drill, Commerce and Veterinary Science are to be addressed to the Registrar of the University; correspondence regarding curricula, instruction and examinations in a particular Faculty is to be sent to the Secretary of that Faculty, while enquiries with reference to College instruction and residence are to be addressed to the Registrar of the College concerned

UNIVERSITY OF TORONTO—FACULTY OF MEDICINE.
1918-1919.

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Physician, Hospital for Sick Children,
Cor. Elgin Avenue and Avenue Road.

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Surgeon, Chief of Service, St. Michael's Hospital,
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75 Forest Hill Road.

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Professor of Medicine and Clinical Medicine,
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Consulting Physician, Hospital for Sick Children.
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Associate in Clinical Medicine,
Junior Assistant Physician in Charge of Tuberculosis Clinic, Toronto General Hospital and Hospital for Sick Children,
72 Bloor Street, West.

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Associate Professor of Histology and Embryology,
26 Albany Avenue.

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Professor of Medical Jurisprudence and Associate Professor of Clinical Surgery.
Assistant Surgeon in charge of Emergency Department, Toronto General Hospital, 167 College Street.

ALEXANDER PRIMROSE, C.B., M.B., C.M., Edin.,
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Consulting Surgeon, Hospital for Sick Children,
100 College Street

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Assistant Secretary.....E. STANLEY RYERSON, M.D., C.M.

*Lecturers and instructors as indicated by the asterisk shall act as Assessors only and shall not be entitled to vote.

OFFICERS AND MEMBERS OF THE FACULTY SINCE ITS ORIGIN

Deans.

W. T. Aikins, 1887-1893.
U. Ogden, 1893-1896.
R. A. Reeve, 1896-1908.
C. K. Clarke, 1908-

Secretaries.

Adam Wright, 1887-1893.
James Brebner, 1893-1894.
A. Primrose, 1894-

Assistant Secretaries.

J. J. Mackenzie, 1900-1908
E. Stanley Ryerson, 1908

Chair of Medicine and Clinical Medicine.

Professors of Medicine.

H. H. Wright, 1887-1892.
J. E. Graham, 1887-1900.
A. McPhedran, 1900-

Professors of Clinical Medicine.

A. McPhedran, 1900-
J. L. Davison, 1903-1909

Associate Professors of Medicine and Clinical Medicine

A. McPhedran, 1892-1900.
J. T. Fotheringham, 1903-
R. D. Rudolf, 1903-1908.

Associate Professors of Clinical Medicine.

W. P. Caven, 1896-1913.
W. B. Thistle, 1900-
A. M. Baines, 1903-
A. R. Gordon, 1903-1916.
R. J. Dwyer, 1903-
H. B. Anderson, 1903-
Graham Chambers, 1908-
William Goldie, 1913-
John Ferguson, 1913-

Associate Professors of Paediatrics.

A. M. Baines, 1903-
H. T. Machell, 1903-

Chair of Surgery and Clinical Surgery.

Professor of Surgery.

W. T. Aikins, 1887-1897.

Professors of Surgery and Clinical Surgery.

I. H. Cameron, 1897-
F. LeM. Grasett, 1903-1909.
G. A. Peters, 1903-1907.
L. Teskey, 1903-1909.

Associate Professor of Surgery and Clinical Surgery.

G. A. Peters, 1892-1903.

Professor of Surgery and Surgical Pathology

I. H Cameron, 1887-1892.

Associate Professor of Clinical Surgery and Clinical Anatomy.

G. A. Bingham, 1903-

Professors of Clinical Surgery.

L. McFarlane, 1887-1896.
I. H. Cameron, 1892-1896.

Associate Professors of Clinical Surgery.

A. Primrose, 1897-
B. Spencer, 1897-1903.
L. M. Sweetnam, 1897-1902.
H. A. Bruce, 1897-
W. Oldright, 1899-1910
F. N. G. Starr, 1900-
C. L. Starr, 1903-
(In charge of Orthopaedics).
P. W. H. McKeown, 1908-
S. M. Hay, 1913-

Chair of Obstetrics.

Professor.

A. H. Wright, 1887-1912.

Associate Professors.

H. T. Machell, 1900-
F. Fenton, 1913-1913.
K. C. McIlwraith, 1910-

Chair of Gynaecology.

Professors.

Uzziel Ogden, 1887-1903.
James F. W. Ross, 1903-1911.

Associate Professor.

James F. W. Ross, 1897-1903.

Professor of Operative Obstetrics and Gynaecology.

J. A. Temple, 1903-1909.

Chair of Obstetrics and Gynaecology.

Professor.

B. P. Watson, 1912-

Associate Professor of Gynaecology.

F. W. Marlow, 1913-
A. A. Macdonald, 1913-

Chair of Anatomy.

Professors.

J. H. Richardson, 1887-1896.
A. Primrose, 1896-1907.
J. Playfair McMurrich, 1907-

Associate Professors.

M. H. Aikins, 1887-1892.
A. Primrose, 1892-1896.
H. W. Aikins, 1896-1914.

Chair of Chemistry.

Professors.

W. H. Ellis, 1887-
W. H. Pike, 1888-1900.
W. R. Lang, 1900-

Associate Professors.

W. L. Miller, 1901-
F. B. Allan, 1907-
F. B. Kenrick, 1910-

Associate Professor of Medical Chemistry.

W. T. Stuart, 1903-1910.

Chair of Biology and Physiology.

Professor.

R. Ramsay Wright, 1887-1892.

Chair of Biology

Professor.

R. Ramsay Wright, 1892-1912.

Professor of Zoology.

B. A. Bensley, 1914-

Associate Professors.

B. A. Bensley, 1906-1914
W. H. Piersol, 1910-

Assistant Professor.

E. M. Walker, 1913-

Chair of Physiology.

Professors.

A. B. Macallum, 1890-1904. T. G. Brodie, 1909-1916.
J. J. R. McLeod, 1918.

Professor of Physiology and Physiological Chemistry.

A. B. Macallum, 1904-1909.

Chair of Biochemistry.

Professors.

A. B. Macallum, 1909-1917 T. Brailsford Robertson, 1918.

Chair of Pharmacology and Therapeutics

Professors.

James Thorburn, M.D., Edin., 1887-1892.
James M. MacCallum, 1892-1908.

Associate Professor.

C. F. Heebner, 1900-1903.

Associate Professor of Pharmacy and Pharmacology

V. E. Henderson, 1909-

Chair of Therapeutics.

Professor.

R. D. Rudolf, 1908-

Chair of Ophthalmology, Otology, Laryngology and Rhinology

Professor.

R. A. Reeve, 1887-1903.

Chair of Ophthalmology and Otology.

Professors.

R. A. Reeve, 1903-1914. G. H. Burnham, 1903-
G. S. Ryerson, 1903-1918. J. M. MacCallum, 1914-

Associate Professors.

G. H. Burnham, 1896-1903. J. M. MacCallum, 1909-1914.
Chas. Trow, 1905-1911.

Chair of Oto-Laryngology.

Professors.

G. R. McDonagh, 1903-1914. D. J. Gibb Wishart, 1914-

Associate Professors.

G. R. McDonagh, 1896-1903. D. J. Gibb Wishart, 1903-1914.
Geoffrey Boyd, 1913-

Chair of Hygiene and Sanitary Science.

Professors.

Wm. Oldright, 1887-1910. J. A. Amyot, 1910-

Associate Professor.

J. G. Fitzgerald, 1913-

Chair of Toxicology.

Professor.

W. H. Ellis, 1900-

Associate Professor.

W. H. Ellis, 1897-1900.

Chair of Medical Jurisprudence.

Professors.

W. W. Ogden, 1887-1892. N. A. Powell, 1903-
Bertram Spencer, 1900-1903.

Associate Professor.

Bertram Spencer, 1896-1900.

Chair of Medical Psychology.

Extra-mural Professors.

Daniel Clark, 1887-1903. J. C. Mitchell, 1903-1906.
N. H. Beemer, 1900-

Professor.

C. K. Clarke, 1906-

Associate Professor.

Ernest Jones, 1912-1913.

Chair of Physics.

Professors.

James Loudon, 1887-1907. J. C. McLennan. 1907-

Associate Professor.

J. C. McLennan 1905-1907.
E. F. Burton, 1911-

Assistant Professors.

L. Gilchrist, 1916-
J. Satterly, 1916-

Chair of Pathology.

Professor.

John Caven, 1892-1896.

Chair of Pathology and Bacteriology.

Professors.

John Caven, 1896-1900. J. J. Mackenzie, 1900-

Associate Professor.

J. A. Amyot, 1900-1910.

Professor of Clinical Pathology.

H. B. Anderson, 1903-1905.

Chair of Preventive Medicine.

Professor.

Charles Sheard, 1903-1911.

Chair of Pathological Chemistry.

Professors

J. B. Leathes, 1909-1915.
Andrew Hunter, 1915-

INFORMATION FOR STUDENTS IN MEDICINE.

1. The thirty-second session since the re-establishment of the Faculty of Medicine of the University of Toronto will commence on Tuesday, the 1st of October, 1918.

2. The Degrees in Medicine are Bachelor of Medicine (M.B.), and Doctor of Medicine (M.D.).

BACHELOR OF MEDICINE.

3. Candidates for the degree of Bachelor of Medicine are required to matriculate and to attend during five sessions of at least eight months each

SPECIAL NOTICE.

The Senate of the University of Toronto has determined to increase the length of the undergraduate course in Medicine from five to six years, but announced that this change would not be effective until after the close of the War. However, in view of the continuation of the War a reconsideration was necessary of the former resolution respecting the postponement of the Six Years' Course, and the attention of prospective students is drawn to the fact that there is a possibility of this course going into effect at the Universities of Toronto and McGill in the autumn of 1919 (Session 1919-1920).

8. Registration for Clinical classes begins on October 1st and under no circumstances will any student be signed up before that date. Registration will not be accepted by letter, neither is one student permitted to sign for another, but each must register in person.

It should be understood that the programme and regulations regarding courses of study and examinations contained in this Calendar, hold good for this calendar year only, and that the Faculty of Medicine, while fully sensible of its obligations towards the students, does not hold itself bound to adhere absolutely, for the whole five years of a student's course, to the conditions here laid down.

9. No student shall be allowed to register in the Faculty of Medicine after the first day of term of any year, and must be in actual attendance from the date of registration, and no student shall be admitted to any laboratory or clinical course after that date, except at the discretion of the instructor concerned. Any student desirous of repeating any year more than once must obtain the permission of the Faculty Council before being allowed to do so.

10. Regular attendance in all the courses of the year shall be required as well as a satisfactory repetition of the work of each course from any student who may be repeating his year.

11. Candidates who have been conditioned in one or more subjects at the Annual examinations and again fail in the subjects at the Supplemental examinations in the autumn, and who are thereby prevented from registering in the next succeeding year, shall be required to repeat the subject or subjects in which they have been conditioned before they can again present themselves for examination. In addition to the subject or subjects a student is required to repeat, he must also present certificates of having done satisfactory work in at least two subjects in addition to those he is required to take, either of the year in which he has been conditioned or in the succeeding year.

12. *A student who has attended the course of instruction in any year will be required to complete the examinations for that year before he will be permitted to register in the succeeding year.*

ATTENDANCE.

13. Candidates are required to attend lectures and receive practical instruction during each of the five years at this University.

14. The Senate may accept certificates of attendance at the lectures and practical instruction in the laboratories of affiliated and other recognised institutions.

15. A student who fails to do satisfactory term work in any subject is not permitted to present himself for examination, either theoretical or practical, until he is able to present satisfactory certificates of term work completed. A student who for any reason may be required to repeat his year, must repeat his attendance at all the courses of the year and must produce evidence of having satisfactorily repeated the work of each course.

16. In cases of students applying for temporary positions in hospitals or for *locum tenens* to physicians the permission of the Faculty Council must be obtained before they will be allowed to absent themselves from the lectures and laboratory work of the University.

FEES FOR INSTRUCTION.

Regular Students in Medicine.

17. All University fees are payable to the Bursar, at his office in the Main University Building, between the hours of ten and one o'clock, except on Saturday.

18. *Regular Students.* First, Second, Third, Fourth and Fifth Years—Annual Fee, including tuition, library, laboratory supply, hospital* and one annual examination:—

If paid in full on or before November 10th..... $150.00

By instalments:—

First instalment, if paid on or before November 10th..... $75.00
Second instalment, if paid on or before February 10th..... 78.00

19. *Combined Courses in Arts and Medicine.*

Annual Fee, including college registration, library, laboratory supply, and one annual examination:

	Arts Fees.	Medical Fees.	Total.
First Year Arts	$58.00		$58.00
Second Year Arts	58.00		58.00
Third Year Arts and First Year Medicine	59.00	$85.00	144.00
Fourth Year Arts and Second Year Medicine	62.00	85.00	147.00

The fees for the Third, Fourth and Fifth Years in the Faculty of Medicine are as for regular students.

Payment of the Medical portion of the fees:—

If paid on or before November 10th..... $85.00

By instalments:—

First instalment, if paid on or before November 10th..... 43.00
Second instalment, if paid on or before February 10th..... 44.00

20. *Repeating the Year.*

If paid in full on or before November 10th..... 50.00

21. The following fees for *Occasional and Post-Graduate Students* have been instituted:—

(1) That candidates for a higher degree in Medicine, or graduates conducting research work, be required to register and pay a fee of $5.00.

(2) That graduates or undergraduates wishing to repeat any undergraduate course in Medicine be charged $20.00 per course.

(3) Students in Dentistry taking a course in Anatomy will be required to pay a fee of $20.00.

(4) Students who are required to take the Summer Course in one of the Clinical subjects, will be charged a fee of $20.00 per course; those taking three or more courses will be charged $50.00.

22. All of the above fees are payable in advance. After November 10th, a penalty of $1.00 per month will be imposed until the whole amount is paid. In the case of payment by instalments the same rule as to penalty will apply. A student will not be admitted to any of the University lectures or laboratories who is in arrears for his fees.

* The composite fee of $150 includes one session's clinical facilities at the Toronto General Hospital, St. Michael's Hospital, or Toronto Western Hospital, and the Hospital for Sick Children, but does not cover the midwifery ticket for the Burnside Lying-in Hospital, which must be obtained there.

23. *General Fees.*

Matriculation, or registration of Matriculation	$5.00
Supplemental examinations	10.00
Admission *ad eundem statum*	10.00
Degree of M.B.	20.00
Degree of M.D.	20.00
Admission *ad eundem gradum*	20.00

In the case of candidates for the Final Examinations, the fee for the degree must be paid to the Bursar not later than the 20th of March.

STUDENTS' COUNCIL FEE.

The Annual Fee $2.00

Every male student in attendance, proceeding to the Degree of Bachelor of Medicine, is required to pay to the Bursar at the time of the entry of his name with the Secretary, the annual fee of two dollars for the maintenance of the Council of the Undergraduates.

INSTRUCTION.

24. The course of instruction given by the Faculty of Medicine consists of five sessions of eight months each, preparing students for the degree of M.B. and for becoming general practitioners of Medicine.

25. The course is so framed that the requirements of the various Provincial Licensing bodies are fulfilled and it aims at giving the student such a training in the sciences as is now exacted of all those who desire to obtain any British Medical qualification in addition to a Canadian one.

26. During the early years an effort is made to give the student a scientific foundation for the work which he takes up in the latter part of his course. In each of the scientific departments, however, the fact that the student is about to become a general practitioner is particularly kept in view, and the student's work in the primary subjects is but a means towards an end.

27. In the First Year, instruction in the subjects of Chemistry (Organic and Inorganic), Physics, Biology, Mammalian Anatomy and Embryology is given by both laboratory and didactic methods. In Anatomy, the subdivisions of Osteology and Arthrology are taught. Histology is also begun in this year.

28. In the Second Year, the major part of the subjects of Anatomy, Physiology and Biochemistry is presented to the student; the subject of Histology is completed; and a course in Bacteriology is given.

29. During the Third Year an attempt is made to bridge the gap which so commonly exists between the primary scientific and the final clinical subjects, by taking up Anatomy and Physiology at the same time as Surgery and Medicine throughout the year. Preliminary courses in Pathology and Pathological Chemistry are given during the Easter term. Instruc-

tion is also given in Pharmacology. A series of ten lectures upon Psychology is delivered in this year. Particular attention is paid during this year to teaching the student the methods of physical examination of both Medical and Surgical cases.

30. In the Fourth Year, the student devotes all his morning and one afternoon a week to clinical work at the various Hospitals. He spends the remainder of his afternoons at didactic lectures and at laboratory work in Pathological Histology and Gross Pathology. The clinical instruction is so directed as to prepare the student to undertake the complete physical examination of any patient, the greater part of his time being occupied with Medical and Surgical cases. In this year the student is introduced to the subjects of Obstetrics, Gynaecology, and the specialties of the Eye, Ear, Nose and Throat. Several weeks are spent in the study of Paediatrics and Orthopaedic Surgery at the Hospital for Sick Children. Lectures are also delivered during the year in Special Pathology, Therapeutics, Surgical Anatomy, Medical Jurisprudence, Toxicology and Hygiene.

31. During the Fifth Year the student devotes one period of ten weeks to Clinical Medicine (including Pædiatrics and the study of Tuberculosis); one of ten weeks to Surgery (including Genito-Urinary Surgery) and Surgical Pathology; and one period of five weeks to Obstetrics and Gynæcology, and one of five weeks to Clinical Therapeutics, Ophthalmology, Oto-Laryngology, Dermatology, Infectious Diseases, Neurology and Psychiatry. Those students whose work and standing justify it, will be given special advanced courses of laboratory work in Pathology and Pathological Chemistry or some special instruction in one of the clinical departments. Clinical lectures in Medicine, Surgery and special subjects, Pathological Conferences, and short courses of lectures on Anaesthesia, Dentistry, Medical Ethics, History of Medicine, and Life Insurance are also given in the Fifth Year.

ELECTIVES.

Fifth Year.

32. Students whose work and standing in the opinion of the Heads of the Departments of Medicine, Surgery, Pathology, Pathological Chemistry and Obstetrics and Gynaecology justify it, will be permitted to devote three afternoons a week to special advanced courses of laboratory work (not research) arranged for them by the Departments of Pathology and Pathological Chemistry, and to the study of some special clinical subject, facilities for which can be offered by the Head of the clinical department concerned.

On these afternoons, those students who are not admitted to elective courses will go on with routine clinical work in Medicine and Surgery. Those students who are weak in any particular subject may be required to take special work in this subject at this time.

The subjects specially recommended for Electives are:—

(1) Serum Diagnosis and Immunology.
(2) Experimental Pathology.
(3) Pathological Chemistry.
(4) Medicine.
(5) Surgery, including Anatomy.
(6) Obstetrics and Gynaecology.

Any student wishing to do Elective work in the above or any other subject or department, must file an application at the Secretary's office not later than September 15th.

SUMMER COURSES IN CLINICAL SUBJECTS.

33. For students only who have been conditioned in Clinical subjects, summer courses in the following subjects will be given during the months immediately preceding the Supplemental Examinations in September:

Clinical Medicine,
" Surgery,
" Obstetrics,
" Gynaecology,
" Ophthalmology,
" Oto-laryngology,
" Psychiatry.

These Courses will be taught at the Toronto General Hospital, St. Michael's Hospital and the Hospital for Sick Children.

(For information regarding fees for these Courses, see page 35.)

SCIENCE COURSES FOR STUDENTS IN MEDICINE.

34. The special attention of students about to enter the undergraduate course in Medicine is directed to the new Science curricula in arts, providing two Special Courses adapted particularly as preparatory to the instruction given in the final years in Medicine. These courses are:—(1) The Biological and Physical Sciences Course and (2) The Physiological and Biochemical Course. A student who proceeds to the degree of B.A., by either of these courses, may, immediately after graduation, enter the Third Year in Medicine, but after completing the Fifth Year of the Medical Course, present himself for the degree of Bachelor of Medicine. It is thus possible for a student to obtain the degrees of Bachelor of Arts and Bachelor of Medicine after seven years' study at the University.

35. In the curricula of the two Arts Courses the Science subjects are treated much more extensively than they are in the Medical curriculum and in either course along one of two lines. In the Biological and Physical Sciences Course emphasis is laid on the structural and developmental

features of animal life and on oecology and parasitology. In the Physiological and Biochemical Course special attention is given to the functional, chemical and other phenomena of living matter.

36. The Biological and Physical Sciences Course completes the requirements of the First two years in Medicine with the exception of Bacteriology of the Second Year. The course in Physiology and Biochemistry completes the requirements of the curriculum of the first three years in Medicine as to Primary subjects, with the exception of Bacteriology of the Second Year.

37. These courses not only afford opportunities for a broader training and greater scientific attainment than is possible in the more limited five years' course in Medicine, but they fit the student for a much wider field of usefulness after graduation. The graduate who has taken one of the Science Courses in Arts and subsequently the Course in Medicine is qualified to devote his life to one of the purely scientific lines of Medicine, if he should so elect, after leaving the University, and, moreover, he is, undoubtedly, better fitted to practise his profession should he desire to prepare himself for that alone.

38. Students who proceed to the Arts degree through other Science Courses may, on entering the Faculty of Medicine, be allowed exemption from such subjects in Medicine as they have taken in the curricula of the Faculty of Arts.

SUMMER POST-GRADUATE COURSE.

39. The Faculty of Medicine of the University of Toronto begs to announce that a Summer Post-Graduate Course will be given during the coming summer, beginning on Monday, May 28th, and continuing for a period of three weeks until Saturday, June 16th.

All clinics will be given at the Toronto General Hospital unless otherwise stated.

The Post-Graduate Course is open to graduates in Medicine in good standing.

Intending candidates should first register by letter or in person with the Secretary of the Faculty of Medicine by May 25th.

The fee for the Course, including registration, is $30.00, payable in advance at the office of the Bursar of the University of Toronto. Receipts for fees paid and registration cards must in all cases be shown to the Hospital Superintendent, on the occasion of the first demonstration at the hospital. The daily out-patient clinics in the various departments, and surgical operations, are open to those attending the course.

Special advanced work in any department may be arranged for through the Secretary, if a sufficient number apply.

Special short courses will be arranged in Pathology, Surgical Anatomy and Clinical Laboratory Methods, and a special fee of $10.00 will be charged for each course.

EXAMINATIONS.

40. The annual examinations are styled the First, Second, Third, Fourth and Fifth examinations, and are to be passed at the end of the First, Second Third, Fourth and Fifth academic years respectively.

41. The Annual examinations are held in May, and the Supplemental examinations in September. Candidates who have been conditioned in one or more subjects at the annual examinations and again fail in the subjects at the Supplemental examinations in the autumn, shall be required to repeat the subject or subjects in which they have been conditioned before they can again present themselves for examination. In addition to the subject or subjects a student is required to repeat, he must also present certificates of having done satisfactory work in at least two subjects in addition to those he is required to take, either of the year in which he has been conditioned or in the succeeding year.

42. A minimum of fifty per cent. in each subject is required to pass, and seventy-five per cent. for honours. Candidates at the First and Second examinations who have passed in the majority of the subjects required, and candidates of the Third, Fourth and Fifth Years who have passed in all but three subjects, may present themselves at the Supplemental examinations next ensuing, in the subjects in which they failed (provided they have complied with the regulations respecting clinical work) and on passing at such examinations, shall be allowed their year.

43. A candidate failing in First or Second Years shall not be allowed to take supplemental Examinations in the Autumn, but shall be required to repeat the year in which he has failed, except on special recommendation of the Board of Examiners, their recommendation to be made at the time of the examiners' meeting of the Annual Examination. A candidate of the Third, Fourth or Fifth Years who has failed to pass in the required number of the subjects at one annual examination, and has either not presented himself or has failed to pass in all subjects in the next ensuing supplemental examination, must repeat his attendance at all courses of the year and must produce evidence of having satisfactorily repeated the work of each course, before he will be allowed to again present himself for examination.

44. A candidate failing in Medicine, Surgery or other Clinical subjects at the annual examinations shall be required to take a course of additional instruction provided by the Faculty of Medicine in the subject or subjects in which he has failed, before being again admitted to examination. The length of the term of additional study in each case of failure will be specified by the Board of Examiners in making their returns at the Annual Examinations.

45. Undergraduates below the standing of the Fifth Year, who have been rejected or who have been prevented from attending the annual examinations, by sickness, domestic affliction, or other causes beyond their control, may present themselves for examinations at the Supplemental examinations in September.

46. Candidates who failed to attend at the annual examinations must prove to the satisfaction of the President before presenting themselves in September, the existence and sufficiency of the alleged cause of absence.

47. Undergraduates of the Fifth Year who have failed in not more than three subjects may present themselves for examination in the said subjects at the Supplemental examinations in September.

48. In the case of Graduates or Undergraduates in Natural Sciences or Biology, certificates of attendance on the second course of Practical Anatomy and on the second course of fifty lectures on Anatomy may be presented with the certificates of attendance on the lectures of the Third Year.

49. No application from a student for aegrotat standing shall be entertained unless he has gained 50% of the laboratory or term marks in all departments of his course, or has been granted exemption from the same. Except under unusual conditions a special examination of the candidate shall be held. Such examination, if possible, must be held previous to the final meeting of the Board of Examiners.

ADMISSION TO EXAMINATIONS.

50. A candidate will not be admitted to an examination unless he has paid all the fees due from him.

51. A candidate who sends his application for examination after the day appointed for the receipt of such application must pay an additional fee of one dollar.

52. No candidate in a course involving practical work in a laboratory will be admitted to examination if the Professor under whom his work is carried on reports in writing to the Secretary that he has not done satisfactory laboratory or clinical work or has signally failed in the practical examinations. No candidate in the First Year shall be permitted to present himself at the annual examinations until a report that he has obtained satisfactory standing in his laboratory work and in term examinations is presented to the Secretary's Office by the Heads of the Departments of Biology, Chemistry and Physics.

53. Every undergraduate who proposes to present himself at an examination must send to the Secretary a statement (according to a printed form which will be furnished) of the course he is taking, whether he intends to compete for Honours, and such other particulars as the printed form may indicate, together with the original certificates referred to in this statement. At the Fifth examination, the candidate is required to submit the following certificates:—

(1) Of having conducted at least twenty labours.

(2) Of proficiency in vaccination.

(3) Of having attended fifteen autopsies.

Students of the Fifth Year shall only be eligible to take off their required number of Obstetrical cases in the hospitals during the time that they are attending Obstetrical clinics.

54. The work in the laboratories and in the wards of the hospitals during the session is an essential part of the instruction and will be considered in determining standing at any examination.

55. Before admission to examination the candidate is required to submit evidence of having complied with the regulations respecting attendance upon didactic, laboratory, and clinical work in each of the subjects of instruction for the year in which he seeks examination. A certificate is issued by the University, and must be signed by the head or heads of each department of instruction.

EQUIVALENT HONOUR COURSES AND EXAMINATIONS.

56. The following Honour courses of instruction and examination in the Faculty of Arts are accepted in the place of courses of instruction and examinations in the Faculty of Medicine, subject to possible amendment during the present session, according to the subjoined scheme.

Faculty of Arts.		Faculty of Medicine.
1. First Year *Biology,	equivalent to	First Year Biology.
2. First Year General Course *Physics,	equivalent to	First Year Physics.
3. First and Second Years Physics of the courses in Mathematics and Physics and in Natural & Physical Sciences,	equivalent to	First Year Physics.
4. Mammalian Anatomy of Second Year Biological and Physical Sciences and Third Year Biology	equivalent to	First Year Mammalian Anatomy.
5. Histology and Cytology of courses in Third Year Biological and Physical Sciences,	equivalent to	Histology of First and Second Years.
6. Embryology of Third and Fourth Years of courses in Biological and Physical Sciences and Biology	equivalent to	Embryology of First Year.
7. Physiology and Biochemistry of Third and Fourth Years of course in Biological and Physical Sciences,	equivalent to	Physiology and Biochemistry of Second Year.
8. Chemistry of First and Second Years of courses in Biological and Physical Sciences,	equivalent to	Chemistry of First Year

*(Provided 50% has been obtained in the examination.)

9. Anatomy of Third and Fourth Years of course in Biological and Physical Sciences,	equivalent to	Anatomy of First and Second Years.
10. Anatomy of the Second and Third Years of the Physiological and Biochemical Course,	equivalent to	Anatomy of First and Second Years.
11. Physiology and Biochemistry of the Third Year in the Physiological and Biochemical Course,	equivalent to	Physiology and Biochemistry of Second Year.
12. Physiology and Biochemistry of the Third and Fourth Years of the Physiological and Biochemical courses, including Physiological Neurology,	equivalent to	Physiology and Biochemistry of the Second and Third Years.
13. First and Second Class Honours in the Physiological and Biochemical course,	equivalent to	Honours in Physiology and Biochemistry.

No applications or petitions for exemptions from classes, laboratory work or examinations will be received or considered unless filed at the Secretary's office on or before October 15th of any year.

EQUIVALENT EXAMINATIONS

57. Courses of lectures and examinations in the Faculty of Arts are accepted in the place of courses of lectures and examinations in the Faculty of Medicine, according to the following scheme:—

Faculty of Arts.		Faculty of Medicine.
1. The instruction and examinations of the Third Year in the Physiological and Biochemical course.	equivalent to	The course and examinations in the Second Year except in Bacteriology.
2. The instruction and examinations in the Fourth Year of the Physiological and Biochemical course,	equivalent to	The course and examinations of the Primary Subjects in Medicine except in Bacteriology.

3. The instruction and examinations in Physiology and Biochemistry of the Third and Fourth Years in the Biological and Physical Sciences,	equivalent to	The course and examinations in Physiology and Biochemistry of the Second Year.
4. The instruction and examinations of the Fourth Year of the course in Biological and Physical Sciences,	equivalent to	The course and examinations in the Second Year, except Bacteriology.

58. Candidates who desire to compete for scholarships and medals are required to submit to the annual examination in all the subjects of each examination, though otherwise entitled to partial exemption according to the preceding scheme; and candidates not competing for scholarships or medals, who are entitled to exemption according to the preceding scheme, will rank in Honours in these subjects.

SUBJECTS OF INSTRUCTION.

FIRST YEAR.

1. Biology.
2. Chemistry (Inorganic and Organic).
3. Physics.
4. Mammalian Anatomy.
5. Embryology.
6. Histology.
7. Anatomy (Osteology).

SECOND YEAR.

1. Anatomy.
2. Physiology.
3. Biochemistry.
4. Histology.
5. Bacteriology.

THIRD YEAR.

1. Anatomy.
2. Physiology.
3. Pharmacology.
4. Pathology.
5. Pathological Chemistry.
6. Clinical Laboratory Methods.
7. Medicine and Clinical Medicine.
8. Surgery and Clinical Surgery.
9. Psychology.
10. Therapeutics.

FOURTH YEAR.

1. Medicine and Clinical Medicine.
2. Surgery and Clinical Surgery.
3. Topographical Anatomy.
4. Pathology.
5. Pathological Chemistry.
6. Obstetrics and Gnyaecology.
7. Hygiene and Preventive Medicine.
8. Medical Jurisprudence.
9. Toxicology.
10. Psychiatry.
11. Paediatrics, Orthopaedics.
12. Ophthalmology.
13. Oto-laryngology.
14. Therapeutics.

FIFTH YEAR.

1. Medicine and Clinical Medicine.
2. Paediatrics.
3. Surgery and Clinical Surgery, Genito-urinary Surgery.
4. Pathology.
5. Obstetrics and Gynaecology.
6. Ophthalmology.
7. Oto-laryngology.
8. Therapeutics.
9. Dermatology.
10. Psychiatry.
11. Neurology.

SUBJECTS OF THE FINAL EXAMINATIONS.

59. FIRST EXAMINATION.

1. Biology.
2. Chemistry.
3. Physics.

NOTE.—The standing of the students in the subjects of Mammalian Anatomy, Embryology, Histology and Anatomy shall be determined by the term marks.

60. SECOND EXAMINATION.

1. Anatomy.
2. Physiology.
3. Biochemistry.
4. Histology.
5. Bacteriology.

61. THIRD EXAMINATION.

1. Anatomy.
2. Physiology.
3. Pharmacology.
4. Pathology and Pathological Chemistry.

If the term work and examination in Medicine and Surgery are not satisfactory, students of the Third Year will be required to attend the Summer Course in Clinical work and pass a satisfactory examination at the Supplemental Examination.

NOTE.—The oral examination in General Anatomy will be held at the end of the Michaelmas term.

62. FOURTH EXAMINATION.

1. Clinical Medicine including Clinical Laboratory work.
2. Clinical Surgery and Topographical Anatomy.
3. Pathology and Pathological Chemistry.
4. Obstetrics and Gynaecology.
5. Hygiene and Preventive Medicine.
6. Medical Jurisprudence and Toxicology.
7. Therapeutics.

63. FIFTH EXAMINATION.

1. Medicine, including Paediatrics and Clinical Medicine.
2. Surgery and Clinical Surgery.
3. Pathology.
4. Obstetrics and Gynaecology.
5. Clinical Ophthalmology.
6. Clinical Oto-Laryngology.
7. Clinical Therapeutics.

The final standing of students in Ophthalmology, Oto-Laryngology, and Gynaecology may be determined by an examination at the end of the trimester in which the students have received their instruction in these subjects, but a student may postpone his examination until the end of the session.

HONOUR STANDING.

64. In the results of the examinations of each year, a list of those students who obtain an average of 75% in all subjects of the year and not less than 60% in any subject, shall be published as having obtained Honour Standing.

The names of those students who have obtained Honour Standing in the last two years of the course, shall in the graduating list be marked so as to indicate the fact that they have graduated with Honours.

ADMISSION AD EUNDEM STATUM.

65. Undergraduates of other universities applying for admission *ad eundem statum* must present certificates of having passed the examinations in the various subjects of this curriculum preliminary to the examination for which they desire to present themselves.

Application for Equivalent Standing.

66. Any student of another university who desires to be admitted to the Faculty of Medicine of this University with equivalent standing is requested to send his application to the Secretary of the Medical Faculty together with:—

1st. A statement of preliminary education with certificates.

2nd. A Calendar of the university in which he has studied, giving a full statement of the courses of study.

3rd. A complete statement of the course he has followed.

4th. A certificate of the standing gained, and of conduct. These will be submitted to the Faculty, who will decide what examinations may be necessary before admitting the candidate.

5th. No student in Medicine will be received by this University from other universities whose certificates for courses are not complete for the period prior to that at which he received standing in the University of Toronto.

DOCTOR OF MEDICINE.

67. A Bachelor of Medicine will be eligible for the Degree of M.D. on the following conditions:

(1) At least one year must elapse between the date of conferring the degree of M.B. and that of conferring the degree of M.D.

(2) He must present an approved thesis embodying the results of an original research conducted by the candidate in any department of Medicine.

(3) The subject of the thesis must be submitted to the Registrar for the approval of the Board of Post-Graduate Studies at least five months before the degree is conferred.

(4) The degree may be conferred at any regular meeting of the Senate.

ADMISSION AD EUNDEM GRADUM.

68. A graduate of any of the universities in Great Britain or Ireland, if his degree be not an honorary one, may be admitted to the like degree in the University of Toronto. He must send in his certificate to the Registrar at least two weeks before the first meeting of the session of the Senate at which his application is to be brought forward.

The George Brown Memorial Scholarship in Medical Science.

69. Dr. A. H. F. Barbour, of Edinburgh, having placed one thousand pounds sterling at the disposal of the University of Toronto, for the purpose of founding a Scholarship in Medical Science in memory of the late Hon. George Brown, the following regulations have been adopted with regard thereto:

This scholarship shall be called the George Brown Memorial Scholarship in Medical Science and shall be awarded annually at the Convocation for conferring degrees in Medicine to the Bachelor of Medicine who shall have distinguished himself most in the subjects of Anatomy, Biology, Physiology, Biochemistry, Pharmacology, Pathology and Pathological Chemistry.

The award shall be made by a committee composed of the Professors in these subjects who shall report as to the successful candidates, after having given due attention to the results of the annual examinations, and to the character of the work done by the candidates in the University laboratories.

The holder of the scholarship during the year of tenure is required to engage in original research in any one of the laboratories of the University on some subject bearing on the advancement of medical science—the laboratory providing the material for the investigation.

The scholarship is to be paid in two portions, two-thirds at the time of award and one-third six months later, on the holder giving satisfactory report (to whomsoever the University may appoint) of the work he has already done.

A report of the research, when completed, is to be given to the University.

The value of the scholarship is five hundred dollars ($500.00).

The Starr Medals.

70. The late Richard Noble Starr, M.D., devised certain property for the encouragement of post-graduate study in Anatomy, Physiology and Pathology, and in fulfilment of this object one gold and two silver medals called the "Starr Medals", are awarded annually to three candidates for the degree of M.D., who have shown by the theses which they have presented for that degree, that they have successfully pursued such study in any one of these subjects. The theses for which these medals are given must attain a standard approved of by the Board of Examiners, and the relative value of the theses will determine the rank of the candidates for the medals.

George Armstrong Peters' Scholarship.

71. The Scholarship will be awarded biennially to a graduate student of the University of Toronto on the recommendation of the Department of Surgery.

The first award was made in 1912 and the holder of the Scholarship will be required to undertake work in one of the Departments of the University which will have some special bearing on Surgery.

This Scholarship will be available for any graduate who wishes to do special research work in connection with the Department of Surgery or in co-related subjects

A graduate wishing to obtain the Scholarship must apply to the Department of Surgery and present his credentials, and the award will be made on the recommendation of the Department.

The value of the Scholarship is two hundred dollars ($200).

A Prize.

72. A portion of the fund of the Reeve Post-Graduate Scholarship will be devoted to establishing a prize of $50.00, to be awarded annually for the best published report of work done in the laboratories by a research Fellow or junior member of the staff in any department in Medicine.

The award shall be made in September by a Committee composed of the Professors of Anatomy, Physiology, Biochemistry, Pharmacology, Pathology and Pathological Chemistry.

Chappell Prize.

73. Dr. Walter F. Chappell, of New York, a graduate in the Faculty of Medicine of the University of Toronto, has established a prize of Fifty Dollars ($50.00) per annum to be awarded in alternate years to the best student of the final year in Clinical Medicine or Clinical Surgery. In June, 1919, the prize will be awarded in Clinical Medicine. This prize is awarded on recommendation of the Head of the Department.

The James H. Richardson Research Fellowship in Anatomy.

74. This Fellowship of the annual value of Five hundred dollars ($500.00) has been established in memory of the late Dr. James H. Richardson, for many years Professor of Anatomy in the University of Toronto. It is open to graduates in Medicine of the University of Toronto and of such other Universities and Medical Schools as may be approved by the Nominating Committee and to students in the University of Toronto who shall have completed the third year of the course in Medicine.

The fellowship is awarded on the nomination of a Committee consisting of the Professor of Anatomy, the Professor of Biology and the Professor of Surgery in the University of Toronto, and the holder of it is obliged, during its tenure, to devote his entire time to investigation in Anatomy

under the direction of the Professor of Anatomy in the University of Toronto. The fellowship is tenable for one year, but the holder of it is eligible for re-appointment for not more than two additional years, at the discretion of the University Senate upon the recommendation of the Nominating Committee.

Applications for nomination to the Fellowship should be handed to the Professor of Anatomy not later than the first day of May of each year.

Present holder of the Fellowship, A. Isaacson, M.B.

Research Medicine.

75. During the early months of 1913, on request, a number of business men subscribed to a fund for the promotion of Clinical and Laboratory Research work in the Department of Medicine. The fund has already reached upwards of $75,000.00; it is payable in five annual instalments.

The first aim is to establish one or more Fellowships annually, for the recent graduates. Each Fellowship is tenable for three years, and will be of the value of $750 the first year. In the meantime, two or more Senior Research Fellows are to be appointed, whose duty it will be to aid the Fifth Year students in their work and stimulate them to higher aims.

There has also been appointed an Assistant in charge of special research work in Tuberculosis, etc.

It is also hoped to have a sufficient fund to defray expenses of any approved research work that may be offered.

Up to the present the following appointments have been made:

Research Fellows, Robert G. Armour, Alfred H. Caulfeild, Wm. Fletcher McPhedran, Noble C. Sharp, A. A. Fletcher, Miss Annie Homer, A. Bruce Macallum, H. K. Detweiler, F. S. Minns.

RESIDENCE FOR MEN.

By the generosity of Mr. and Mrs. E. C. Whitney and other friends, the University can now offer to some hundred and fifty men the peculiar advantages of residential life and excellent accommodation within its own grounds. The Residence, opened in November, 1908, consists of three Houses situated on the north side of Hoskin Avenue, opening upon a quadrangle the fourth side of which is formed by Devonshire Place. They stand about two hundred yards to the north of University College and of the University Dining Hall and close to the University Gymnasium and Athletic Field. The buildings are known as the South, East and North Houses.

Each house contains twenty-four single rooms, one single suite, one double room and eleven suites, a suite comprising a study and two bedrooms. A large room in each building, with an open hearth and a library has been set aside as a common room. A lavatory with hot and cold shower baths is provided for every eight men. The buildings are heated by steam and lighted by electricity.

The University supplies the table, chairs, book-case, chiffonier, bed, mattress, pillows, linen and window shades for each room; it is prepared to furnish a drop-light for a nominal rental.

Each occupant is charged $2.50 room-rent per week, payable to the Bursar four weeks in advance. The charge for each single suite is $3.50 per week. These charges cover heat, light, house-service, house-laundry, and the use of the telephone. There is no separate dining hall connected with the Residence, but board may be obtained at the adjacent University Dining Hall for $3.25 per week.

Applications for rooms must be made in writing to the Secretary of the Residence Committee (address the Registrar's Office) and must be accompanied by a deposit of $5.00. This deposit will be returned if the application be not granted, but will be forfeited if a room be assigned to the applicant and not taken by him, unless notice of his refusal of the room be received by the Secretary in writing before September 8th. It will be returned in full at the end of the College year if the room key be given back and the room and furniture left in a satisfactory condition. The following principles govern the allotment of rooms: (i) In order to be assigned a room in the Residence, either before or during the session, a student must have obtained standing at the previous spring examination, with not more than *one* condition against him. (ii) The rooms in each House will be distributed between the various Faculties and Years. (iii) A limited number of rooms will be reserved for members of the incoming First Year until September 18th. (iv) Applications will be considered in order of priority.

The University lays down three general rules, designed to prevent hazing, the use of intoxicants and gambling. The students in each House shall elect a House Committee, which is entrusted by the University with the making and enforcing of any other needed rules and with the maintenance of order. A member of the Faculty resides in each House to act as friend and adviser to the men in residence.

CURRICULUM FOR THE DIPLOMA OF PUBLIC HEALTH.

1. The University provides a Diploma in Public Health (D.P.H.) on the conditions hereinafter detailed.

2. Candidates for the Diploma must be graduates in Medicine of this University or of some other University recognized for this purpose by the Senate.

3. The curriculum leading to the Diploma shall extend over one Winter Session of eight months and one Summer Session of three months.

4. The Winter Session shall be devoted to Laboratory work in

a. Sanitary Chemistry.
b. Bacteriology.
c. Parasitology.

and to courses in

d. Advanced General Hygiene.
e. Advanced General Pathology, including Theory of Immunity and Comparative Pathology.
f. Elements of Geology, Meteorology and Climatology, in their relation to Public Health.
g. Sanitary Engineering.
h. Sanitary Legislation and Vital Statistics.
i. Clinics on Contagious Diseases.
j. History of Preventive Medicine and Epidemiology.

5. The Summer Session shall be devoted to a course of practical work in Public Health under the supervision of the Provincial Board of Health, including the methods of dealing with infectious diseases, inspection of schools and other public buildings, factories and dairies, inspection of water supplies and sewage disposal plants and other forms of municipal sanitation.

6. At the conclusion of the Winter Session an examination will be held on the subjects of the curriculum in Public Health specified in paragraph 4, the passing of which shall be a necessary preliminary to entering upon the practical course indicated in paragraph 5.

7. Candidates who have passed the examination and who present from the Provincial Board of Health a certificate of efficiency in the subjects specified in paragraph 5, will be granted the Diploma of Public Health.

8. The fees for the Course shall be $150, payable in two instalments of $75 each at the beginning of the Winter Session and the Summer Session respectively. The fee for the Diploma shall be $20.

9. Up to and including 1907, graduates in Medicine who have acted as Medical Health Officers for a period of two years may present themselves for the examination referred to in paragraph 6 without preliminary attendance on the Courses of Instruction. For such candidates the fee for the Diploma shall be $100.

CURRICULUM IN DENTISTRY.

DEGREE OF DOCTOR OF DENTAL SURGERY.

Matriculation.

Candidates for the degree of Doctor of Dental Surgery must pass the Matriculation Examination hereinafter mentioned, unless:—

1. They possess a degree in Arts (not being an Honorary Degree), from some recognized University; or

2. Have already matriculated in the Faculty of Arts in this or some other University in Canada; or

3. Are Matriculants in the College of Physicians and Surgeons of Ontario; or

4. Have passed the Normal Entrance or Entrance to the Faculty of Education examinations in which the Latin option has been taken, it being understood that the equivalent examinations under titles no longer in force will be accepted.

The regulations respecting the acceptance pro tanto of the certificates of other Provinces, as defined in the Curriculum for Junior Matriculation, are applicable to candidates in Dentistry.

5. Have passed an examination and received a certificate which is accepted by the General Medical Council of Great Britain for Registration as a student of Medicine or Dentistry.

Candidates not possessing any of the above-named qualifications will be required to pass the examination prescribed for matriculants in the Faculty of Arts in this University.

Candidates for the degree must matriculate before writing on any of the subjects prescribed for final examination.

Undergraduates.

1. Undergraduates (candidates for the final examination for the degree), matriculants in the Royal College of Dental Surgeons, an affiliated College of the University, and proceeding to graduation therefrom, must have complied with all the requirements prescribed from time to time, by the Board of Directors of the Royal College of Dental Surgeons of Ontario for admission to examination for a Certificate of License to practise Dentistry in Ontario, provided always that these requirements shall include attendance on at least four full courses of lectures, and laboratory and clinical instruction, embracing all the subjects of the curriculum, of not less than seven months each, except in the case of students who have already graduated in the Faculty of Arts (B.A. or M.A.), or the Faculty of Medicine (M.B. or M.D.), or the Faculty of Science (B.A.Sc. or B.Sc.), of a Canadian or other recognized University, who may complete the course in Dentistry in three years instead of four.

2. Persons holding the L.D.S. Certificate, granted by one of the Medical authorities of Great Britain, and persons holding the B.D.S. Degree of Melbourne University, Australia, will be admitted as undergraduates in the Department of Dentistry without further examination, and to the final examinations of the degree of D.D.S., on completing one full session at the School of Dentistry of the Royal College of Dental Surgeons of Ontario, and payment of the proper fees.

3. Undergraduates (candidates for examination for the degree), not coming under the provisions of either of the two preceding sections, must have been engaged in the study of Dentistry for four academic years, and have attended four full courses of lectures and laboratory and clinical instruction, embracing all the subjects of the Curriculum, of not less than seven months each, at a School of Dentistry recognized by this University, the last of which must have been at the School of Dentistry of the Royal College of Dental Surgeons of Ontario.

Examinations.

Candidates for the degree must pass two examinations, an intermediate and a final, an interval of not less than one year intervening between them. Until further provisions be made, a certificate of having passed the intermediate examination of the Royal College of Dental Surgeons of Ontario will be accepted by this University.

Candidates for the final examination, which will be held at a time fixed by the Committee on Examinations, must present to the Registrar satisfactory certificates, covering all the requirements relating to undergraduates as given above, and of having passed the intermediate examination.

The subjects for intermediate examinations shall be:

(*a*) Comparative Dental Anatomy.
(*b*) General and Dental Histology.
(*c*) Bacteriology.
(*d*) Anatomy.
(*e*) Physiology.
(*f*) Chemistry.
(*g*) Dental Technic.
(*h*) Theory of Operative Dentistry.
(*i*) Theory of Prosthetic Dentistry.
(*j*) Dental Materia Medica.

The subjects for final examination shall be:

(*a*) General Anatomy and Special Anatomy of the Head and Neck.
(*b*) Physiology.
(*c*) Surgery and General Pathology.
(*d*) Chemistry.
(*e*) Medicine, Physical Diagnosis, and Anaesthetics.
(*f*) Theory and Practice of Operative Dentistry, Dental Pathology.

(*g*) Theory and Practice of Prosthetic Dentistry.
(*h*) Science and Practice of Dentistry.
(*i*) Orthodontia.
(*k*) Dental Materia Medica and Therapeutics.
(*l*) The Jurisprudence, Ethics, and History of Dentistry.
(The above examinations will be written.)
(*m*) Practical Operative Dentistry.
(*n*) Practical Prosthetic Dentistry.

Candidates shall be examined in practical work from time to time, during the session of the Royal College of Dental Surgeons, on completion of the required work in the Infirmary and Laboratories of the College.

Annual examinations in April, and supplemental examinations in September, will be conducted under the joint auspices of the University and the Royal College of Dental Surgeons of Ontario.

Regular students of the Royal College of Dental Surgeons proceeding to the degree of D.D.S. may take the final examination in any subject at the close of the session in which it is completed in the College.

Candidates will be credited at the Annual and Supplemental Examinations for term work and term examination, conducted by the Professors in the several subjects, in the proportion of 30 to 70.

No candidate shall be considered as having passed on any paper unless he has obtained 50 per cent. of the marks allotted to the paper.

Equivalent Examinations.

Examinations in the Faculty of Arts in the Department of Natural Science, Division I., are accepted in lieu of examinations for the degree of Doctor of Dental Surgery, as follows:

(*a*) Physiology and Chemistry of the Second Year for the Physiology and Chemistry of the intermediate examinations.

(*b*) Histology of the Fourth Year for the General Histology and Bacteriology of the intermediate examinations.

(*c*) Chemistry of the Third Year and Physiology of the Fourth Year for Chemistry and Physiology of the final examination.

(*d*) On application to the Senate, similar credits may be given for similar examinations passed in the Faculty of Arts or the Faculty of Medicine of other Universities.

Fees.

The fee for examination for matriculation, in whole or in part, or for registration of any certificate accepted in lieu of examination, shall be five dollars.

The fee for final examination shall be ten dollars, which shall be paid before writing on any subject of the final examination.

The fee for supplemental examination in one or more of the final subjects shall be ten dollars.

The fee for the degree of D.D.S. shall be fifteen dollars, which shall be paid before writing on the examination of the final year.

No fee shall be charged for transference from any Faculty of the University to the Department of Dentistry.

The fee for admission ad eundem gradum shall be twenty dollars.

Concurrent Course in Medicine and Dentistry.

Students who are matriculants in the Faculty of Medicine and in the Department of Dentistry may take a concurrent course in Medicine and Dentistry, which will extend over seven years.

Students taking this course will pass the regular University examinations in the subjects of the Medical Curriculum from year to year as they are completed in the Medical Faculty and in the final Dental subjects of the curriculum in Dentistry, from year to year as they are completed in the Royal College of Dental Surgeons.

Students taking this concurrent course, who have fulfilled all the requirements for the degree of M.B., and who have successfully passed the examination in the Dental subjects of the curriculum in Dentistry, including Dental Materia Medica and Therapeutics, shall receive the degree of D.D.S.

The fee payable to the University shall be $50 per year for the first four years, and $150 per year for the last three years, and the several laboratory fees.

COURSES OF LECTURES.
METHODS OF INSTRUCTION, WINTER SESSION, 1918-1919.
CHEMISTRY.

Professor: W. R. LANG.
Professor of Physical Chemistry: W. LASH MILLER.
Associate Professor: F. B. KENRICK.
Associate Professor of Organic Chemistry: F. B. ALLAN.
Lecturer: W. S. FUNNELL.
Assistants: MISS S. M. BOYD, W. R. FETZER, E. I. FULMER, W. J. MORRISON, M. E. SMITH.

All lectures and practical work will be given in the Chemistry Building.

First Year.

Lectures.—Students attend a course of experimental lectures delivered four times a week in the lecture theatre. This course embraces the study of the non-metallic and metallic elements and their principal compounds based on Mendelejeff's classification of the elements.

The latter part of the lecture course is devoted to Organic Chemistry. The principals of organic analyses and the basis on which the compounds of carbon are classified, are explained and the typical compounds and derivatives of the "fatty" series specially described. An elementary study of the "aromatic" series is also included in the course.

Tutorial Classes.—The class also meets one day a week for instruction in arithmetical and theoretical chemistry.

Practical Chemistry.—The laboratory work commences with quantitative and qualitative experiments illustrating the fundamental principles of chemistry; this is followed by work more intimately related to analytical chemistry. Instruction in quantitative methods of analysis is given, and some elementary organic work concludes the course.

Students working in the laboratory are provided with the necessary apparatus on making a deposit of four dollars at the commencement of the session, which will be returned at its close after the following charges have been deducted from it:—

(1) The cost of all apparatus broken or destroyed.

(2) Any fines for breach of laboratory rules.

No certificate will be given for the practical work unless the student has passed the practical examinations conducted during the session.

Text-books:—Modern Inorganic Chemistry, Mellor; Inorganic Chemistry, Newth; General Chemistry for Colleges, Alex. Smith; Organic Chemistry, Norris; Physical Chemistry for Physicians and Biologists, Cohen and Fischer; An Elementary Laboratory Course in Chemistry, Kenrick and DeLury; Outlines of Qualitative and Quantitative Analysis, Lang.

Books of reference recommended:—Inorganic Chemistry, Richter; Organic Chemistry, Richter.

PHYSICS.

Professor and Director of the Physical Laboratory: J. C. MCLENNAN.
Associate Professor: E. F. BURTON.
Assistant Professors: L. GILCHRIST, J. SATTERLY.
Demonstrator: H. A. MCTAGGART.
Assistant Demonstrators: D. S. AINSLIE, R. C. DEARLE, D. A. KEYS, MISS E. BISHOP, MISS A. W. FOSTER, D. S. FULLER, S. MCLEAN, MISS F. M. QUINLAN, R. V. ZUMSTEIN.

The work of instruction in Physics consists of a series of lectures and a course in practical work in the laboratories.

First Year.

Lectures.—The lectures on Physics will give a concise outline of the subject, and are intended to form a satisfactory foundation for future study in other branches of science.

The physics lectures are given on two days per week during the year; one lecture each week bears directly on the practical work assigned to the student, while the other lecture each week is part of a course dealing more particularly with the principles of Physics of special use to students of Medicine.

A course of lectures on Practical Mathematics for students of Physics will be given one day a week during the Michaelmas Term. The lectures will deal with the best methods of conducting experiments in order to get results of the desired degree of accuracy, the methods of taking averages, probable errors in the measurements, approximations, simplified arithmetic, percentage error of the results obtained.

1. MECHANICS.

Measuring instruments, length, volume, weight, force, forces in equilibrium, moment of a force, centre of gravity, machines, velocity, acceleration, momentum, force (considered statically and dynamically), work, energy, power; calculations to illustrate the laws of mechanics. The elastic properties of solids and fluids, simple harmonic motion, pendulums.

2. HYDROSTATICS AND HYDRODYNAMICS.

Fluid pressures and their transmission, specific gravity, the barometer, pumps, general properties of liquids and gases at rest and in motion, viscosity, capillary phenomena.

3. HEAT.

Thermometers, thermal expansions, calorimetry, specific heat, latent heat, change of state, vapour pressure, hygrometry, thermal conduction, radiation, laws of cooling, heat and energy.

4. LIGHT.

Laws of reflection and refraction, mirrors, prisms, lenses, microscope and telescope, dispersion, colour, double refraction and polarisation.

5. ELECTRICITY AND MAGNETISM.

Laws of magnetism, static electricity, condensers, electrical conduction in solids, liquids and gases, voltaic cell, chemical, magnetic and heating effect of the electrical current, potential. Ohm's law and its applications, laws of electrical resistance, electromotive forces, induction, the induction-coil, high frequency currents and electrical waves and radioactivity. Production of currents used in electro-therapy, galvanism, faradism, ionic and high frequency treatment.

6. PROPERTIES OF MATTER.

Kinetic theory of matter, existence of molecules, ultra-microscope, Brownian movement, colloidal solutions and their application to body fluids, radioactivity and radiations.

7. SOUND.

General explanation of wave-motion, production, propagation, and detection of sound waves, reflection, absorption and interference of sound waves, resonance, tuning forks, organ pipes, vibrating strings and the musical scale, analysis of complex sounds, voice production.

Practical Work.—The Practical Work, consisting of a laboratory course of fifty hours, designed to illustrate the principles dealt with in the lectures, will be conducted by a number of Demonstrators under the supervision of the Director of the Laboratory.

Regulations.—Deposit Fee: Each student taking the laboratory course is required to make a deposit of two dollars ($2.00) before beginning work. All supplies, apparatus broken or destroyed and all fines will be charged against this deposit, which must be renewed when exhausted. At the close of the session cash balances will be returned on a day appointed for the purpose.

Text-book: W. H. White, Hand-book of Physics.

BIOLOGY.

Professor of Zoology: B. A. BENSLEY.
Associate Professor of Histology and Embryology: W. H. PIERSOL.
Assistant Professor of Zoology: E. M. WALKER.
Lecturer in Biology: W. A. CLEMENS.
Temporary Assistant in Embryology: M. D. MCKICHAN.
Lecturer in Vertebrate Embryology: A. F. COVENTRY.
Demonstrator: E. H. CRAIGIE.
Class Assistants: W. E. HENRY, H. G. WILLSON, A. G. MCPHEDRAN, A. ISAACSON, N. FOUND, N. D. MORRIS, W. R. QUINN, C. O. BROAD.

First Year.

Lectures.—1. Students of the First Year will attend a course of lectures on general biology, to be given twice a week throughout the session. This course of lectures is designed as an introduction to the whole range of biological studies. After a sketch of the scope and objects of these, the

lectures will treat (1) of the fundamental principles of biology, as illustrated by the simplest animals and plants, (2) of typical forms of higher plants, in ascending order, (3) of typical forms of animals in a similar order, and (4) special reference will be made to those aspects of Biology of interest to students of Medicine.

2. A course of twenty-five lectures given in connection with the practical work of Course 1.

3. A course of twenty-five lectures on embryology during the Easter Term will be chiefly devoted to the development of the external form, organs, and tissues of the human body, but the necessary comparative data for the proper understanding of these will be supplied by reference to the embryology of the lower vertebrates. The student may consult the large collection of models of embryology in the Museum, which are now furnished with explanatory labels designed to supplement the instruction given in the lectures.

4. A course of twenty-five lectures on the principles of General Histology.

Practical Work.—1. A course of fifty hours' duration is given on General Biology, in which various types are studied, and which serves as an introduction to the use of the microscope.

2. A course of seventy-five hours on Mammalian Anatomy as an introduction to Human Anatomy is given during the Michaelmas Term.

3. A course of fifty hours on General Histology.

4. A course of twenty-five hours in Embryology given from a selected series of specimens illustrative of the lectures on that subject—Course 3.

Second Year.

Lectures.—A course of fifteen lectures on the more intricate problems of Human Histology.

Practical Work.—A course of fifty hours in Special Human Histology. The student will have the opportunity of providing himself with a set of typical histological specimens.

Text-books:—Biology: Parker, Bigelow.

Embryology: McMurrich, Manual of Embryology.

Mammalian Anatomy: Bensley, Practical Anatomy of the Rabbit.

Histology: Piersol, Normal Histology, 10th ed.; Böhm, v. Davidoff and Huber, Text-book of Histology, 2nd ed.; Bailey, Text-book of Histology, 3rd ed.; Jordan and Ferguson, Text-book of Histology.

Reference Text-books:—Embryology: Bailey and Miller, 3rd ed., Keibel and Mall. Histology: Schäfer, Text-book of Microscopic Anatomy (Quain's Anatomy, 11th edition; vol. II, pt. 1); Sobotta, Atlas of Human Histology.

PHYSIOLOGY.

Professor of Physiology: J. J. R. MACLEOD.
Assistant Professor of Physiology: F. A. HARTMAN.
Demonstrator in Physiology: L. MCPHEDRAN FRASER.
Fellows: L. G. KILBORN, R. S. LANG.
Temporary Lecturer—WINIFRED CULLIS, D.Sc.

The following are the courses of instruction in this Department for Students of Medicine.

Second Year.

1. A course of lectures on Physiology; two a week.
2. An elementary laboratory course in Physiology; five hours a week.

Third Year.

3. A course of advanced lectures on Physiology; two a week.
4. A course of lecture-demonstrations on Neurology and the physiology of the Sense Organs; two a week.
5. An advanced laboratory course in Physiology.
6. A course of lectures on selected topics in Physiology.

Every student must attain a certain standard in the laboratory exercises before he will be allowed to proceed to the University examinations in Physiology and Biochemistry.

Throughout the Session oral and, as may be necessary, written examinations will be held to ascertain the extent of the student's knowledge of Physiology, and the results of these, as well as his general work in the laboratory will be used to determine his position in the University Class Lists.

In the laboratory courses the student will be required to make good all loss through breakage or otherwise.

Text-books:—Stewart, Text-book of Physiology; Halliburton, Handbook of Physiology (last English edition); Brodie's Essentials of Experimental Physiology; Starling, Human Physiology; Bainbridge and Menzies, Essentials of Physiology; Macleod, Physiology in the Clinic.

Works of Reference:—Schäfer, Text-book of Physiology, 2 vols.; Pavlov, The Work of the Digestive Glands, translated by W. H. Thompson; Marshall, The Physiology of Reproduction; Vincent, Internal Secretion and the Ductless Glands; Luciani, Human Physiology.

BIOCHEMISTRY.

Professor of Biochemistry: T. BRAILSFORD ROBERTSON.
Assistant Professor of Biochemistry: HARDOLPH WASTENEYS.
Demonstrator in Biochemistry: G. E. K. BRANCH.
Tutorial Fellows: A. I. MULDREW, C. P. LATHROP.

The following are the Courses of Instruction in this department for students of Medicine.

Second Year.

1. An elementary course of lectures in Biochemistry; two a week.
2. An elementary laboratory course in Biochemistry; six hours a week.

Third Year.

3. A course of advanced lectures on Biochemistry for Honour students; two a week.
4. An advanced laboratory course in Biochemistry for Honour students.

Every student must attain a certain standard in the laboratory exercises before he will be allowed to proceed to the University examinations in Biochemistry.

Throughout the Session oral and, as may be necessary, written examinations will be held to ascertain the extent of the student's knowledge of Biochemistry and the results of these as well as his general work in the laboratory, will be used to determine his position in the University Class Lists

In the laboratory courses the student will be required to make good all loss through breakage or otherwise.

Text-books: Mathews, Physiological Chemistry; Robertson, Laboratory Directions in Biochemistry.

Works of Reference: General: Hammarsten, Text-book of Physiological Chemistry, translated by Mandel; Taylor, Digestion and Metabolism; Lusk, Science of Nutrition.

Special Subjects: Armstrong, Simple Carbohydrates and the Glucosides; Leathes, Fats; Plimmer, Chemical Constitution of the Proteins; Weber, article on "The Colloidal State" in the Chemistry of India Rubber; Robertson, The Physical Chemistry of the Proteins; Barger, The Simple Natural Bases; Underhill, The Physiology of the Amino Acids; Euler, General Chemistry of the Enzymes, translated by Pope; Arrhenius, Quantitative Laws in Biological Chemistry; Barcroft, The Respiratory Function of the Blood; Vincent, Internal Secretion and the Ductless Glands; Robertson, Chapter on "Growth and Development" in Volume 1 of Abt's System of Pediatrics; Loeb, The Organism as a Whole.

Laboratory Work: Folin, a Laboratory Manual of Biological Chemistry; Hawk, Practical Physiological Chemistry; Plimmer, Practical Organic and Biochemistry.

ANATOMY.

Professor and Director of the Anatomical Department: J. PLAYFAIR MCMURRICH.

Associate Professor of Clinical Anatomy: G. A. BINGHAM.

Lecturer in Anatomy: J. C. WATT.

Demonstrators: E. R. HOOPER, C. J. COPP, W. A. SCOTT, R. E. GABY, J. H. MCPHEDRAN, G. R. PHILP, G. E. WILSON, N. D. FRAWLEY, T. R. HANLEY, F. R. SCOTT, C. B. PARKER, J. S. SIMPSON, J. E. L. KEYES, J. X. ROBERT, W. F. PLEWES, F. W. WESTON.

First Year.

Lectures.—Throughout the First Year a course of lectures will be given beginning with a discussion of some of the fundamental principles of Human Anatomy and then proceeding to a consideration of the Anatomy of the Skeleton and the Articulations. Attention will be directed especially to the anatomical relationships and significance of the parts considered, their detailed description being taken up in the tutorial classes.

Practical Work.—During the Easter Term tutorial instruction will be given in Osteology, the class being divided into small sections for this purpose. In connection with these classes arrangements have been made whereby each student may obtain material for privat study from the Osteological collection of the Depar ment.

Second Year.

In the Second Year the work will be principally in the Laboratory, each student being obliged to dissect thoroughly the various regions of the body, following the plan outlined in a "Guide to the Dissection of the Human Body". Demonstrators will be in attendance each day for the purpose of superintending the work and of giving instruction, and will hold frequent examinations with the object of testing the student's progress. Certificates of credit in Practical Anatomy will be granted only to those students whose work has been completed to the satisfaction of the instructors in charge.

The Laboratory will be open from 9 a.m. until 5 p.m. every week-day throughout the session, with the exception of Saturdays when it will be closed at 12 noon.

In connection with the laboratory work lectures will be given by members of the staff, reviewing the work that has been completed. The object of this course will be to supplement the work in the Laboratory by calling attention to the relations and significance of the parts that have been studied and by elucidating with the aid of diagrams and models the anatomy of difficult and important structures.

Third Year.

Lectures.—During the Easter Term a course of lectures will be given on the Anatomy of the Central Nervous System.

Practical Work.—In connection with the above course of lectures the class will be divided into small sections, to each of which a Demonstrator will be assigned, for the purpose of a practical study of the anatomy of the Brain.

In addition lectures and demonstrations will be given upon the anatomy of special regions and organs, special attention being given to the correlation of the structure and functional activities of the parts considered.

Opportunity will be afforded when necessary, for the dissection of parts that were uncompleted in the practical course of the Second Year, or of which a further study seems advisable.

Text-books:—Piersol; Morris; Cunningham's Text-book; Gray; McMurrich's Development of the Human Body, Guide to the Dissection of the Human Body for the use of Students in the Anatomical Laboratory of the University of Toronto.

Reference Text-books:—Spalteholz, Hand-Atlas of Human Anatomy; Toldt's Atlas of Human Anatomy; Sobotta's Atlas and Text-book of Human Anatomy; Eycleshymer and Shoemaker, Cross-Section Anatomy; Quain's Anatomy; Barker's The Nervous System; Johnston, Nervous System of Vertebrates; Villiger, Brain and Spinal Cord; Herrick, Introduction to Neurology; Von Bardeleben's Handbuch der Anatomie; Rawlings, Landmarks; Treves, Applied Anatomy.

PHARMACY AND PHARMACOLOGY; MATERIA MEDICA.

Associate Professor: V. E. HENDERSON.
Lecturer: A. BRODEY.
Instructor in Pharmacy: J. A. MACDONALD.
Class Assistant: F C. HARRISON.

Third Year.

Two courses of laboratory work accompanied by lectures and laboratory talks are given.

Practical Work.—LABORATORY COURSE I. Experimental pharmacology. In this course the student obtains an opportunity to become familiar with representatives of the drug-stuffs composing the various pharmacological groups. The chief object of the course is to get the student into the habit of accurate observation of the effects produced by drugs and to be able to describe them in accurate pharmacological language. In consequence a great deal of attention is given to the note books kept by each student.

LABORATORY COURSE II. Practical pharmacy. This course is very brief, consisting only of a few hours' work on the chemical and physical incompatibles and in dispensing several mixtures, pills and ointments, in order that the student may obtain such insight into dispensing as is necessary to enable him to write prescriptions intelligently.

Total of these two courses, 90 hours.

Arrangements have also been made with the Toronto General Hospital and with the Hospital for Sick Children by which the students of this year will be draughted in turn to act as Assistants in the Hospital Dispensaries for a period of a week.

Lectures.—A course of lectures on general pharmacology (35 in all) This course is designed to supplement and extend the knowledge gained in the laboratory and from the prescribed text-book.

Prescription Writing.—Each student is expected to hand in answers to the problems in prescription-writing announced each week. These are corrected and returned, and opportunity is given for the discussion of any difficulties with the staff during laboratory hours. Informal talks are also given from time to time as needed.

Text-books:—Pharmacy and Materia Medica, Henderson; Pharmacology, Dixon; Meyer and Gottlieb, translated by Halsey.

Reference Text-books:—Pharmacology, Cushny, Sollmann; Prescription Writing:—Bennett, Medical and Pharmaceutical Latin; Eggleston, Prescription Writing.

MEDICINE.

Professor of Medicine and Clinical Medicine: ALEXANDER MCPHEDRAN.
Associate Professor of Medicine and Clinical Medicine: J. T. FOTHERINGHAM.
Associate Professors of Clinical Medicine: ALLEN M. BAINES, W. B. THISTLE, R. J. DWYER, H. B. ANDERSON, GRAHAM CHAMBERS, WILLIAM GOLDIE, JOHN FERGUSON.
Associates in Clinical Medicine: H. C. PARSONS, W. J. MCCOLLUM, J. H. ELLIOTT, G. W. HOWLAND, H. S. HUTCHISON.
Demonstrators in Clinical Medicine: E. C. BURSON, F. A. CLARKSON, B. O'REILLY, D. KING SMITH, C. J. WAGNER, J. H. MCPHEDRAN, C. S. MCVICAR, G. S. STRATHY, W. F. MCPHEDRAN, G. W. ROSS, R. W. MANN, G. H. YOUNG, A. J. MACKENZIE.
Assistants in Clinical Medicine: J. A. OILLE, J. D. LOUDON, G. F. BOYER, M. B. WHYTE, T. J. PAGE, G. BATES, F. S. PARK, R. G. ARMOUR, F. S. MINNS, E. J. TROW, C. SHEARD, JR., T. J. GLOVER.
Professor of Therapeutics: R. D. RUDOLF

Lectures.—In the Third Year a short course of lectures is given as an introduction to the Study of Medicine, dealing especially with the physiological aspects of disease.

In the Fourth Year a course of forty lectures is given in the amphitheatre of the Toronto General Hospital, dealing with the general pathology and treatment of disease and serving as a fuller introduction to clinical study. The lectures will be illustrated by plates, diagrams and morbid specimens; also by the presentation of patients when the nature of the subject under consideration makes it desirable.

Third Year.

In Clinical Medicine the instruction and work is carried on in the wards and in the Out-patient departments of the Toronto General, St. Michael's, and Western Hospitals, and in the University laboratories.

Medical Anatomy and Physical Diagnosis. Three forenoons in the week during the first half of the session are devoted to demonstrations in the surface anatomy of the body, in the methods of examination, and in the normal and abnormal physical signs with their significance. For this work the class is divided into small groups, each of which is in charge of an instructor.

In the second half of the session these exercises are continued and in addition, instruction is given in history taking, each student being required to take the history of patients and make the physical examinations, the work being supervised by one of the instructors.

In addition, courses of instruction are given in Pathological Chemistry and Clinical Microscopy and each student is required to do the clinical laboratory investigations relating to his own cases.

One clinic is held weekly in the hospital amphitheatre with the Fourth Year.

Text-books:—Medicine: Osler, Taylor.

Clinical Medicine: Hutchison and Rainy, Clinical Methods.

Fourth Year.

The students of the Fourth Year serve as clinical clerks, devoting the greater part of their time available for Clinical Medicine to the Medical wards, taking the histories, examining patients, and carrying out the clinical laboratory investigation of their cases under the direction of the House Physicians and the Assistant Clinical Instructors.

During each trimester, each student of the Fourth Year shall be required to prepare at least five complete records of Medical cases (history, physical examination and laboratory work) which has been certified as satisfactory by the service in which the work is done.

In addition to this work and instruction, regular clinics are given to ward classes, at which the students present the report of the cases considered. Weekly clinics are held in the hospital amphitheatres at which selected cases are presented.

Clinical Laboratory. Each Clinical Clerk is required to carry out a full laboratory investigation in connection with each patient assigned to him.

Clinical and Pathological Conference. Each week a clinical and pathological conference will be held throughout the session. Abstracts of the histories of the fatal cases of the week, with diagnosis made before the autopsy, are read. The specimens are then demonstrated, followed by a discussion of the case.

Fifth Year.

In the Fifth Year the time will be devoted wholly to Clinical work in the wards and Out-patient departments of the hospitals and in the laboratories. Each student will be required to take charge of a number of patients, personally recording the results of his examination and laboratory work, and to attend and report on the autopsies of fatal cases.

Instruction will be given to classes in the wards and in the hospital amphitheatre.

In the Out-patient department, besides the general clinic, there are special clinics in Diseases of the Skin, of the Nervous System, in Tuberculosis and Syphilis, all of which groups of students will attend in rotation.

Infectious Diseases will be demonstrated to groups of students at the large City Isolation Hospital, which affords ample facilities for such purposes.

Text-books:—

Medicine: Osler, Taylor.

Clinical Medicine: Sahli, Diagnostic Methods; Emerson, Clinical Diagnosis; Hutchison & Rainy, Clinical Methods.

Reference Text-books:—

Medicine: Forchheimer's Therapeusis of Internal Diseases, 5 vols.; Osler, Modern Medicine, 5 vols.; Albutt and Rolleston System; Latham and English, System of Treatment, 4 vols.; Mackenzie, The Heart; Sutherland, Dietetics; Starr, Nervous Diseases; Purvis Stewart, Diagnosis of Nervous Diseases; Thomas Lewis, Clinical Disorders of the Heart-beat.

Dermatology: Stelwagon, Crocker, Morris, Walker.

Instruments:—Students beginning clinical work are strongly advised to supply themselves with the following instruments: Microscope, with condenser and oil immersion lens; Haemoglobinometer, Dare; Haemocytometer, Zeis-Türck; Ophthalmoscope, Lorsch's; Laryngoscope; Stethoscope; Head Mirror; Thermometer; Tape Measure; Dermagraph. Special arrangements have been made for obtaining these instruments.

It is extremely desirable that each student should possess his own microscope, in order that the instrument which he uses during his laboratory work will be available for his use after graduation.

PAEDIATRICS.

Associate Professors of Paediatrics: A. M. BAINES, H. T. MACHELL.
Associate in Clinical Medicine: D. MCGILLIVRAY.
Demonstrator in Clinical Medicine: J. S. GRAHAM, ALAN BROWN.
Assistant in Clinical Medicine: A. W. CANFIELD, B. HANNAH.

Fourth Year.

Lectures.—This course comprises lectures to Fourth Year students on such subjects as diseases of the newly born, infant feeding, diseases of the digestive system, etc.

Clinical Work.—Daily clinics are held at the Hospital for Sick Children on Medical and Surgical cases by the Associate Professors and by other members of the Faculty who are on the staff of the Hospital for Sick Children.

Fifth Year.

The Fifth Year, in small groups, will attend the Out-patient Clinic daily at the Hospital for Sick Children and ward Clinics.

Text-books:—Diseases of Children, L. E. Holt; Chapin and Pisek; Still, Disorders of Infancy and Childhood; Kerley, Practice of Paediatrics.

Reference Text-books:—Medical Diagnosis and Treatment, Diseases of Children; Garrod, Battin and Thursfield, Diseases of Children.

THERAPEUTICS.

Professor of Therapeutics: R. D. RUDOLF.

Demonstrator in Anaesthesia: S. JOHNSTON.

Demonstrators of Therapeutics: C. E. C. COLE, G. W. ROSS, *Acting Head of Department.*
S. R. D. HEWITT, W. V. WATSON, H. M. TOVELL.

Assistants in Anaesthesia: T. R. HANLEY, M. D. MCKICHAN.

Therapeutics is taught in the two final years, and is made as practical as possible.

Fourth Year.

Lectures.—In the Fourth Year a course of lectures is given in which the general principles of the subject are considered in a systematic way emphasis being laid upon the fact that Therapeutics includes far more than the employment of drugs. The whole matter is considered more from the standpoint of disease than from that of drugs and other remedies. Diet, hydrotherapy, massage, electricity, anaesthesia and climate are also dealt with. Once a week fourth year students are given a practical demonstration at the hospital of methods of therapy, patients being freely used to illustrate the points.

Fifth Year.

Clinical Work.—In the final year the students are taken in groups at the General Hospital and the different methods of dealing with diseased conditions are demonstrated, generally upon actual patients. Here also prescription writing is practised. These demonstrations are quite informal and are conducted twice a week alternatively in the medical theatre at the hospital and in the wards. Students of the fourth and fifth years will receive individual practical instruction in the administration of anaesthetics.

Text-books:—Burney Yeo's Clinical Therapeutics, 2 volumes; Hare's Practical Therapeutics.

Reference Text-books:—Hutchinson & Collier's Index of Treatment, Lauder Brunton, Action of Medicines; Friedenwald and Rührah, Diet in Health and Disease; Wood, Therapeutics, its principles and practice; Potter, Ortner's Treatment of Internal Diseases; Cushny, Pharmacology and Therapeutics; Shoemaker, Materia Medica and Therapeutics; Hare. System of Therapeutics; Forchheimer's General and Special Treatment of Diseases; Forchheimer's Therapeusis of Internal Diseases; Sajous, Cyclopaedia of Practical Medicine; Appleton's Monographic Medciine.

SURGERY.

Professor of Surgery and Clinical Surgery: I. H. CAMERON.

Professor of Clinical Surgery: A. PRIMROSE.

Associate Professor of Clinical Surgery and Clinical Anatomy: G. A. BINGHAM.

Associate Professors of Clinical Surgery: H. A. BRUCE, F. N. G. STARR, P. W. H. MCKEOWN, S. M. HAY.

Associate Professor of Clinical Surgery and in Charge of Orthopaedics: C. L. STARR.

Associates in Surgery and Clinical Surgery: C. B. SHUTTLEWORTH, J. F. UREN, T. B. RICHARDSON, G. SILVERTHORN, E. S. RYERSON, W. J. O. MALLOCH, W. A. SCOTT, W. W. JONES.

Demonstrators in Clinical Surgery: W. E. GALLIE, A. B. WRIGHT, M. H. V. CAMERON, N. S. SHENSTONE, G. E. WILSON, R. E. GABY, J. A. ROBERTS.

Assistants in Clinical Surgery: A. S. MOORHEAD, A. H. PERFECT, D. E. ROBERTSON, OLIVER MABEE, P. K. MENZIES, ROBIN PEARSE, B. Z. MILNER, R. R. GRAHAM, F. A. CLELAND, J. A. MCCOLLUM, L. B. ROBERTSON, C. H. HAIR, J. W. HAYES, H. W. BAKER, C. B. PARKER, J. H. COTTON, T. A. J. DUFF.

Third Year.

Lectures.—A short course of lectures is delivered during the Michaelmas term on the general principles of Surgery.

Clinical Work.—In the Third Year each student receives three hours a week of Clinical instruction, on cases which illustrate—

1. Inflammation,
2. Suppuration and Abscess,
3. Surgical Diseases of the Skin; boils, carbuncles, etc.
4. Sepsis; infection and infective diseases,
5. Wounds,
6. Haemorrhage
7. Ulceration,
8. Gangrene,
9. Hernia,
10. Surgical Landmarks,
11. History Taking,
12. Fractures,
13. Bandaging,
14. Instruments,
15. First Aid.

Fourth Year.

Lectures.—Thirty lectures are given throughout the Session on some of the general principles of Surgery. Short courses are included on the special Surgery of certain regions of the body, *e.g.* the abdomen; the head and neck; the extremities, etc., the courses varying from year to year. The majority of the lectures are delivered at the Hospitals and are illustrated by Clinical Cases.

Practical Work.—A course of practical demonstrations will be given on the details of minor surgical technique under the following headings:—

1. Principles of aseptic and antiseptic surgery.
2. Preparations for operations:
   (*a*) Patient—general preparation; field of operation.
   (*b*) Surgeon and assistants—hands; gloves; gowns; caps; masks; etc.
   (*c*) Instruments.
   (*d*) Room; tables; sterilizers; basins; irrigators; sheets, towels, etc.
3. Dressings; sutures; drains. Their preparation and uses.
4. Instruments.
5. Minor surgical technique.
   Hypodermics; local anaesthesia; lumbar puncture and spinal injections; transfusions, etc.
   Poultices; fomentations; stupes; blisters; cautery; leeches; cupping, etc.
   Enemata ; douches, etc.
   Catheters; bougies; sounds, etc.
   Haemostasis; paracentesis, etc.
6. Bandaging.
7. First aid in accidents, drowning, etc.

Each student in this year will be required to take four complete histories during the year. These shall include the history, physical examination, differential diagnosis, description of the operative and non-operative treatment, progress notes, pathological findings, autopsy report and whatever clinical analysis may be necessary. These histories shall be presented to the Clinician and shall be read and, if satisfactory, signed by him and may be used for teaching purposes in Clinic. The four approved histories must be deposited by the student with the Secretary of the Department before April 15th.

Clinical Work.—The time devoted to Clinical teaching in surgery is laid down in the time-table for the Fourth Year on page 92.

During this year an attempt is made to give the student a thorough familiarity with all the ordinary types of surgical conditions met with in general practice. He is taught to make a complete examination of any surgical patient in order that he may be able to arrive at a diagnosis and reasonably scientific treatment.

A special course in Orthopaedic Surgery is given at the Hospital for Sick Children.

Fifth Year.

The work of the Fifth Year in Surgery is entirely Clinical with the exception of one weekly mid-day lecture which is partly didactic and partly clinical. For the present the work incident to Dresserships and obligatory upon all candidates will be done in this year.

An elective course is given in operative surgery on the cadaver.

The duties of the Clinical Clerks attached to the various Surgical Services at the Toronto General, St. Michael's and the Sick Children's Hospitals shall be:

1. To act as assistants to the House Surgeon and to be prepared to carry out his instructions at all times.

2. To take the history of each patient within twenty-four hours of his admission to the wards. To record the physical examination and to do and record the necessary laboratory work.

3. To attend all the operations performed on his Service, and to be prepared to act as an assistant.

4. To do whatever dressings are detailed to him by the House Surgeon.

5. In the event of an autopsy on any patient who has been under his charge, to assist and make the necessary records.

6. To work when required in the Out-Patient Department.

7. That he be required to attend the Clinics given to the Third and Fourth Years on his Service, and be prepared to give a detailed account of the cases being presented, to the Clinician, and, if necessary, under the direction of the Clinician, to act as Demonstrator. Further, that he shall be required to provide and prepare the material for each Clinic to the Third and Fourth Years.

8. That during his term of service he shall be prepared, when directed to do so, to assist in giving and to give anaesthetics to the patients on his Service under the supervision of the anaesthetist.

9. That he be responsible for keeping a record of the Clinics given on his Service and the passing of this record on to the next Clinician when the classes change.

Text-books:—Rose & Carless; Spencer and Gask.; Da Costa; Alexis Thomson, Minor Surgery; F. T. Stewart's "Manual"; Foote; Russell Howard; Pye's Surgical Handicraft; Surgical Diagnosis, Gould; A Synopsis of Surgery, Ernest W. Hey Groves; The Students' Text-book of Surgery, Barnett; Surgical Materials and their Uses, Maclennan.

Reference Text-books:—

Surgery:—Principles of, by Senn, Nancrede, Bryan, Choyce; Practice of, by Treves, Erichsen; International Text Book, by Warren & Gould; Modern Surgery, by Roswell Park; American Practice of Surgery; Operative Surgery, Burghard, 4 vols.; Surgical Treatment, Cheyne & Burghard; Operative Surgery, by Treves, Rowlands and Turner; Bryant, Bickham, Binnie, Kocher, Alexis Thomson, v. Schmieden; Genito-Urinary Surgery, Thomson Walker; Chetwood's Urology; White and Martin, Keyes, Casper-Bonney, Taylor, Henry Morris, Morton; Orthopædic Surgery, Bradford & Lovett, Whitman, Jackson Clarke; Fractures and Dislocations, Stinson; Dislocations and Joint Fractures, Cotton; Treatment of, Scudder;

Diseases of the Rectum and Anus, Gant, 3rd ed.; Surgery of the Chest, Paget, Carl Beck; Lungs, Fowler & Godlee; General Surgery, J. C. Warren, Lexer-Bevan; Preparatory and after treatment in Operativ Cases, Haubold, Crandon; Surgery of the Brain, Krause, Rawlings Spine, Elsberg; Clinical Surgical Diagnosis, de Quervain (trans.); International Clinics.

PATHOLOGY.

Professor of Pathology and Bacteriology and Curator of the Museum and Laboratories: J. J. MACKENZIE.
Lecturer in Bacteriology: D. A. GRAHAM.
Acting Lecturer in Bacteriology: H. K. DETWEILER.
Demonstrators of Pathology: J. A. OILLE, H. J. SHIELDS, L. BRUCE ROBERTSON, G. A. CAMPBELL, O. R. MABEE.
Assistants in Pathology: G. W. LOUGHEED, ROSCOE GRAHAM, F. S. PARK, W. F. MCPHEDRAN, R. W. NAYLOR, H. M. TOVELL, H. W. BAKER.
Fellow in Pathology:
Assistant in Clinical Laboratory: D. H. BODDINGTON.
Assistant Curator of the Pathological Museum:

The courses of instruction are as follows:—

Second Year.

Students receive a course of lectures and practical laboratory exercises during the Easter Term in general Bacteriology, including media making, staining and cultivation of pathogenic micro-organisms, the practical isolation and identification of the most important bacteria pathogenic to man.

Third Year.

Lectures.—1. A course of lectures in General Pathology is given during the Michaelmas and Easter Terms.

Practical Work.—2. A laboratory course in Pathological Histology is held four afternoons a week during the Easter Term, illustrating general pathological conditions, including inflammations (acute and chronic) repair, tumors, etc.

3. A practical laboratory class in haematology and clinical microscopy.

Fourth Year.

Lectures.—1. A course of didactic lectures is delivered upon selected chapters of special pathology.

Practical Work.—2. A laboratory course in Pathological Histology takes place four afternoons a week during the Michaelmas Term. The work taken up in this class illustrates the special pathology of the organs. Alternating with this class are a series of Museum Demonstrations arranged to illustrate the course in Pathological Histology.

3. Throughout the Session autopsies are held at the three Hospitals which students are required to attend and take full notes. On the autopsies they have witnessed they are subsequently examined.

4. Once a week during the Easter Term a Clinical conference on autopsy material is held at the General Hospital.

Fifth Year.

1. The routine work for all students of the Fifth Year will consist of attendance and assistance at autopsies. Upon such cases as the students have studied in the wards full bacteriological and histological studies will be required.

2. A weekly conference in autopsy material will be held for the whole class.

3. Advanced classes will be held for students who have Honour standing, and for such other students whose work is of such a character as to permit them to do elective work.

An advanced laboratory class in surgical pathology may be arranged for similar students who can fulfil the same conditions. .

Text-books:—

Pathology:—Adami, Pathology (General), vol. I.; (Special), vol. II. Adami & McCrea, Text-book of Pathology; Delafield & Prudden, 8th ed.: MacCallum, A Text-book of Pathology; Mallory, Text-book of Pathological Histology; Pembrey & Ritchie, General Pathology.

Bacteriology:—Hiss and Zinsner; Muir and Ritchie; Park: Ricketts and Dick, Infection, Immunity and Serum Therapy.

Clinical Methods:—Emmerson; Hutchison and Rainy; Sahli.

PATHOLOGICAL CHEMISTRY.

Professor of Pathological Chemistry: A. Hunter.
Demonstrators of Pathological Chemistry: W. R. Campbell, F. W. Rolph, D. H. Boddington.

Third Year.

Practical Work.—Students receive practical instruction in the chemical methods employed in the examination of excreta, secretions, organs and body fluids, with special reference to the study and diagnosis of disease.

As occasion requires, the laboratory exercises are coordinated and supplemented by demonstrations and lectures.

The student will not be permitted to proceed to the University examination unless he has satisfactorily performed all the work of the class, and has paid for any apparatus he may have lost, damaged, or destroyed.

Fourth Year.

Lectures.—A course of lectures, extending throughout the year, is given on general disorders of the chemical processes of the body.

Practical Work.—One laboratory period per week for one trimester is devoted to a review and extension of the work of the third year.

Clinical Laboratory.—To each student of the Fourth and Fifth years there is assigned, in the Department of Pathological Chemistry, a locker with apparatus and reagents, which he is expected to utilize in the conduct of all chemical examinations necessary to the proper study of the cases under his charge. For the guidance of the fourth year student in such work an instructor is in regular attendance at a special hour each day. Reports of each student's work are preserved, and are considered in determining his standing at the end of the year.

Fifth Year.

In addition to the routine clinical laboratory work, an advanced laboratory course is given to students of Honour standing and to such other students whose work is of such a character as to permit them to do elective work, and other students who may be permitted to take it. At the end of the Fifth year the student is required, in surrendering his locker, to make good all loss of apparatus by breakage or otherwise. Until he has done so, he will not be permitted to sit for the final examinations.

Text-books:—Hawk's Practical Physiological Chemistry together with the standard works on Physiology and Pathology, and Krehl's Clinical Pathology, trans. by Hewlett (Lippincott & Co.).

Reference Books:—Oppenheimer, Handbuch der Biochemie; Von Noorden, Metabolism and Practical Medicine (trans. by Walker Hall) 3 vols.; Neubauer and Huppert, Analyse des Harns; Schmidt and Strasburger, Die Fazes des Menschen; Von Fürth (trans. Smith), Physiological and Pathological Chemistry of Metabolism; Wells, Chemical Pathology; Neuberg, Der Harn.

PSYCHIATRY.

Professor of Psychiatry: C. K. CLARKE.
Extra-Mural Professor of Psychiatry: N. H. BEEMER.
Associate of Psychiatry: J. M. FORSTER.
Special Lecturer in Psychology: C. M. HINCKS.
Demonstrator: HARVEY CLARE.

Fourth Year.

Lectures.—A brief series of didactic lectures is given, outlining some of the more important psychoses.

Fifth Year.

Clinical Work.—A clinical course will be given in the Hospital for the Insane. Here the student will be afforded opportunity to obtain a practical knowledge of psychiatry, and to study the laboratory and clinical methods employed in the diagnosis and treatment of various forms of insanity.

Text-books:—White's Outlines of Psychiatry: Clinical Psychiatry, Diefendorf.

MEDICAL JURISPRUDENCE.

Professor: N. A. POWELL.

Fourth Year.

Lectures.—About eighteen lectures and class-room demonstrations will be given. These will be illustrated as required by lantern slides and by specimens from the Pathological Museum or from private collections.

The lecture course will embrace *inter alia* a discussion of:—Legal Criminal procedures and the relation of Medical men thereto. Medical evidence, documentary and oral, ordinary and expert. Personal identity of the living and of the dead. Thanatology: The reality of death; *post mortem* changes, autopsies and reports. Causes producing deaths by violence such as the various forms of asphyxia, heat, cold, electricity, etc. Wounds in their medico-legal relations. Blood stains and the examination of blood. Medico-legal aspects of the sexual functions, impotency, sterility and legitimacy. Pregnancy, abortion and infanticide. Rape and allied offences against chastity. Civil and criminal malpractice.

Text-books:—Glaister, Reese, Emerson, Draper.

Reference Text-books:—Taylor's Principles; Whitthaus and Becker; Peterson and Haines; Dixon Mann; Cattell's *Post Mortem* Pathology; Greene's Life Insurance; Atkinson's Law in Medical Practice; Cathell's The Physician Himself; Brother's Medical Jurisprudence; Wadsworth's Post Mortem Examinations.

TOXICOLOGY.

Professor of Toxicology: W. H. ELLIS.
Associate Professor of Pharmacology: V. E. HENDERSON.

Two courses of lectures and demonstrations are now given.

COURSE 1. The Chemical detection of poisons, including the identification of the common poisons in their pure state, and their separation from organic matter.

COURSE 2. The pharmacology, symptomology, pathology and therapeutics of poisoning. Only the more important poisons are dealt with in this course.

HYGIENE.

Professor: JOHN A. AMYOT.
Director, Antitoxin Laboratory and Associate Professor: J. G. FITZGERALD.
Assistant Director, Antitoxin Laboratory and Demonstrator: R. D. DEFRIES.
Research Associate in the Connaught and Antitoxin Laboratories: A. H. CAULFEILD.

This Department provides a course embracing a series of lectures covering health laws and regulations, vital statistics and the general problems of Hygiene and Preventive Medicine to the candidates for the M.B. degree.

It provides lecture courses in first aid, hygiene and sanitation to students in the Engineering, Forestry, Architecture, Household Science and Education departments of the University.

Laboratory facilities and instruction are provided for students of the Department of Engineering qualifying as Sanitary Engineers. The Department is prepared to give the necessary Laboratory and other instruction to graduates in medicine leading to the Diploma of Public Health.

Details of the curriculum leading to the Diploma of Public Health will be found on page 53.

Text-books: Preventive Medicine and Hygiene, 3rd edition, 1917, Rosenau; Hygiene and Public Health, Parkes and Kenwood; Elements of Water Bacteriology, Prescott and Winslow; Standard Methods of Water Analysis, American Public Health Association.

Reference Text-books. Infection, Immunity and Specific Therapy, Kolmer; The Carrier Problem in Infectious Diseases, Ledingham and Arkwright; Microscopy of Drinking Water, Whipple.

ANTITOXIN LABORATORY.

The Antitoxin Laboratory, Department of Hygiene, established in April, 1914, has since that date been producing and distributing Public Health Biological products throughout Canada and Newfoundland.

The products distributed include diphtheria antitoxin, tetanus antitoxin, rabies vaccine, small-pox vaccine, anti-meningitis serum and typhoid vaccine.

Since February 1st, 1916, the Provincial Board of Health of Ontario has distributed, free of charge in Ontario, all of the above named products. The Secretaries of Local Boards of Health need only make application to the Chief Officer of Health, Parliament Buildings, Toronto, and supplies will be sent them. Physicians and Hospitals are supplied by the Secretary of their Local Board of Health. The Antitoxin Laboratory prepares these products for the Provincial Board of Health. (On September first, 1917, the Bureau of Public Health of Saskatchewan began the free distribution of diphtheria antitoxin and smallpox vaccine in that Province. The antitoxin and vaccine so supplied is prepared in this Laboratory.)

The other provinces in Canada and the Colony of Newfoundland are also supplied with public health biological products.

The Department of Militia and Defence is supplied with tetanus antitoxin and other biological products used by the Canadian Expeditionary Force Overseas and in training in Canada.

CONNAUGHT LABORATORIES AND UNIVERSITY FARM.

In October 1917 a farm of over fifty acres and completely equipped Laboratories and Stables were presented to the University by Colonel Albert Gooderham. These Laboratories were given to provide facilities for research in Preventive Medicine especially along the lines of serum therapy; and also to provide for the production of serums and vaccines. In connection with these Laboratories there has been established the Connaught Laboratories Research Fund of one hundred thousand dollars; the income on which is to be utilized for the support of research work in Preventive Medicine.

OBSTETRICS AND GYNAECOLOGY.

Professor of Obstetrics and Gynaecology: B. P. WATSON.
Associate Professors of Obstetrics: H. T. MACHELL, K. C. MCILWRAITH.
Associate Professor of Gynaecology and Obstetrics: A. A. MACDONALD.
Associate Professor of Gynaecology: F. W. MARLOW.
Associate in Obstetrics: J. A. KINNEAR.
Demonstrators in Obstetrics: M. M. CRAWFORD, W. J. MABEE.
Associates in Gynaecology: W. B. HENDRY, F. A. CLELAND.
Demonstrator in Gynaecology: A. C. HENDRICK.
Assistant Demonstrator in Obstetrics and Gynaecology: W. A. SCOTT.
Assistant Demonstrators in Obstetrics: S. J. N. MAGWOOD, J. G. GALLIE.
Assistant Demonstrators in Gynaecology: H. E. CLUTTERBUCK, R. W. WESLEY, N. D. FRAWLEY.

Fourth Year.

Lectures.—Obstetrics:—A course of lectures illustrated by diagrams, lantern slides and models will be given. A syllabus indicating the scope of the work is provided. Stated generally, the course consists of two parts. The first part deals with the anatomy and physiology of the female organs of reproduction; the anatomy, physiology and management of normal pregnancy, labour and the puerperium, and the care of the infant. The second part is concerned with abnormal conditions arising during pregnancy, labour, and the puerperium, and with maladies of the infant.

Practical demonstrations on anatomy, the mechanism of labour, the use of obstetrical instruments, etc., will be given to small sections of students.

Gynaecology:—A course of lectures illustrated by pathological specimens, diagrams and lantern slides will be given. A syllabus is provided. The lesions of each organ are considered in detail and the methods of gynaecological diagnosis and treatment indicated.

Clinical Work.—Obstetrics:—The student attends clinics at the Toronto General Hospital or at St. Michael's Hospital. At these clinics practical instruction is given in the examination of patients, the diagnosis of pregnancy, the management of labour and the puerperium and the care of the infant.

Gynaecology:—Clinical instruction is given at the Toronto General Hospital, and the Western Hospital, in the method of case taking, the examination of patients, the use of instruments, and in the conduct of operations.

Pathological Demonstrations:—The naked eye and microscopic pathology of the common obstetrical and gynaecological lesions will be demonstrated in the museum.

Fifth Year.

Obstetrics.—The student attends the Obstetrical Hospital for a period of five weeks during which time he is given an opportunity of seeing all the work of the hospital, and of assisting in the management and treatment of cases. He is also required to attend patients in their own homes and to perform other duties in connection with the Out-Patient Service. Clinical lectures are given once a week on interesting and abnormal cases.

Gynaecology.—Clinical instruction in the examination and diagnosis of gynaecological cases is given to small sections of students. Each student is required to act as clinical clerk to the cases assigned him, to be present at any operations required, and to follow the after-treatment. Operations will be performed on stated days and at these the members of the clinic may be present.

Pathological Demonstrations:—A series of demonstrations in continuity with those held during the fourth year will be given in the museum.

Text-books:—

Obstetrics:—Eden; Berry Hart; Hirst; Edgar; Whitridge Williams; Jellett; Galabin; Adam Wright.

Gynaecology:—Barbour & Watson; Dudley; Gilliam; Crossen; Penrose; Eden & Lockyer; Hart & Barbour; Ashton; Montgomery.

Reference Text-books:—

Obstetrics:—Bumm; Winckel; Munro Kerr, Operative Obstetrics; Davis, Operative Obstetrics; Lea, Puerperal Infection; Ballantyne, Antenatal Pathology.

Gynaecology.—Kelly, Operative Gynaecology; Berkeley & Bonney, Gynaecological Surgery; Winter & Ruge, Gynaecological Pathology, translated by Clark; Cullen, Cancer of the Uterus.

OPHTHALMOLOGY AND OTOLOGY.

Professors: J. M. MacCallum, G. S. Ryerson, G. H. Burnham.
Demonstrators: Colin Campbell, D. N. Maclennan, M. Lyon, W. W. Wright, A. J. Aylesworth.

Fourth Year.

Ophthalmology:

Instruction will be given by quizzes, recitations or lectures. The class will be divided into small sections. In each section the applied anatomy of the eye, orbit and surrounding structures will be considered, followed by instruction in the use of the Ophthalmoscope, retinoscope and other instruments of diagnosis. The methods of external examination of the eye, the use of the test types, test lenses and the principles of refraction will be thoroughly dealt with.

Fifth Year.

Instruction will be wholly clinical and practical, and will include Ophthalmoscopy and its relations to general medicine, advanced refraction. Each student will be required to determine the refraction of patients in the Out-Patient Clinic and must, for this purpose, supply himself with an ophthalmoscope and a retinoscope. When possible the students will be shown the more usual operations on the eye.

There will be a short course of didactic lectures. Clinically, otology is grouped with diseases of the nose and throat.

Opthalmology:—

Text-books:—J. Edward Jackson; May; Mayou; Nettleship; Parker; Parsons; Swanzy; Veasey; Wood & Woodruff; Sym; Marshall.

Works of Reference:—de Schweinitz; Weeks; Fuchs; Posey & Wright; Theobald; Ball.

Otology:—

Manuals:—Bacon; Albert Gray.

Works of Reference:—Politzer; Ballengar; Barnhill & Wales.

OTO-LARYNGOLOGY.

Professor: D. J. Gibb Wishart.
Associate Professor: Geoffrey Boyd.
Demonstrators: Perry G. Goldsmith, Gilbert Royce.

The course of instruction in oto-laryngology is carried on in the Toronto General Hospital, where the facilities placed at the disposal of the students are unusually complete. There is an indoor service of twenty beds, and in the outdoor, in addition to the large clinic, where the fifth year students receive instruction, there is a room set aside for the fourth year classes, with eight cubicles for examination purposes.

This course is carried on during both the fourth and fifth years of the curriculum.

Fourth Year.

In the fourth year the students will receive instruction in:

(1) The normal anatomy of the ear, nose and throat.

(2) The methods of using the head mirror and the various instruments required in examining the ear, nose and throat.

(3) The ordinary tests for hearing.

(4) The recognition of the ear, nose and throat, in their normal conditions, as exemplified by clinical material.

At the close of each class instruction, a clinical examination will be held.

Fifth Year.

In the fifth year the students will be divided into small groups for the purpose of studying the commoner pathological conditions affecting the various organs, and as much clinical material as possible will be utilized for the purposes of personal observation.

A series of lectures will be delivered upon the various diseases of the ear, nose and throat, ordinarily met with by the general practitioner. This course will follow the clinical instruction.

At the final (fifth year) examination the test will be clinical.

Text-books:—Porter, Diseases of the Throat, Nose and Ear; Lake, Diseases of the Ear; Parker, Throat and Nose; Gray, Ear; Coolidge, Diseases of the Nose and Throat.

For Reference:—St. Clair Thompson, Throat and Nose; Lambert Lack, Throat and Nose; Watson Williams, Throat and Nose; Phillips, Throat, Nose and Ear.

LECTURES IN DENTISTRY.

The Faculty have arranged for a course of lectures to be delivered during the Session, on the application of Dentistry to Medicine. The instruction will be given by a man properly qualified for the purpose and will be delivered to the students of the final year. The course will be obligatory.

FIRST YEAR TIME-TABLE, SESSION 1918-1919.

Michaelmas Term.

Hour	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9-10	Physics Pr. B. Histology Pr. A.	Biology.	Physics.	Histology.	Biology.	Anatomy.
10-11	Physics Pr. B. Histology Pr. A.	Biology Pr. A. Mammalian Anatomy B.	Physics Pr. A. Biology Pr. B.	Histology Pr. B. Mammalian Anatomy A.	Anatomy.	
11-12	Biology.	Biology Pr. A. Mammalian Anatomy B.	Physics Pr. A. Biology Pr. B.	Histology Pr. B. Mammalian Anatomy A.	Chemistry.	
12-1	Chemistry	Chemistry	Chemistry.	Physics	Physics.	
2-3	Chemistry Pr. B. Mammalian Anatomy A.	Chemistry Pr. B. Mammalian Anatomy A.	Chemistry Pr. A. Mammalian Anatomy B.	Chemistry Pr. A. Mammalian Anatomy B.		
3-4	Chemistry Pr. B. Mammalian Anatomy A.	Chemistry Pr. B. Mammalian Anatomy A.	Chemistry Pr. A. Mammalian Anatomy B.	Chemistry Pr. A. Mammalian Anatomy B.		
4-5	Chemistry Pr. B.	Military Drill and Gymnasium	Chemistry Pr. A.	Chemistry Pr. A.	Military Drill and Gymnasium	

FIRST YEAR TIME-TABLE, SESSION 1918-1919.

Easter Term.

Hour.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9-10	Physics Pr. B. Histology Pr. A.	Biology Pr. A.	Physics.	Histology.	Biology.	Anatomy.
10-11	Physics Pr. B. Histology Pr. A.	Biology Pr. A.	Physics Pr. A. Biology Pr. B.	Histology Pr. B.	Anatomy.	Biology.
11-12	Biology.	Embryology.	Physics Pr. A. Biology Pr. B.	Histology Pr. B.	Chemistry.	
12-1	Chemistry.	Chemistry.	Chemistry.	Embryology.	Physics.	
2-3	Chemistry Pr. B. Osteology Pr. A.	Chemistry Pr. A. Osteology Pr. B.	Chemistry Pr. B. Embryology Pr. A.	Chemistry Pr. A Osteology Pr. B.	Embryology Pr. B. Osteology Pr. A.	
3-4	Chemistry Pr. B. Osteology Pr. A.	Chemistry Pr. A. Osteology Pr. B.	Chemistry Pr. B. Embryology Pr. A.	Chemistry Pr. A. Osteology Pr. B.	Embryology Pr. B. Osteology Pr. A.	
4-5	Chemistry Pr. B. Osteology Pr. A.	Military Drill and Gymnasium	Chemistry Pr. B. Osteology Pr. A.	Chemistry Pr. A. Osteology Pr. B.	Military Drill and Gymnasium	

SECOND YEAR TIME-TABLE, SESSION 1918-1919.

Michaelmas Term.

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9–10	Physiology	Biochemistry	Physiology	Biochemistry	Biochemistry	Anatomy Pr.
10–11	Anatomy	Physiol. Pr. B. Bact. ($\frac{1}{2}$ A.)	Physiol. Pr. B. Bact. ($\frac{1}{2}$ A.)	Anatomy	Histology	Anatomy Pr.
11–12	Hist. Pr. A. Biochem. Pr. B.	Physiol. Pr. B. Bact. ($\frac{1}{2}$ A.)	Physiol. Pr. B. Bact. ($\frac{1}{2}$ A.)	Biochem. Pr. B. Bact. ($\frac{1}{2}$ A.)	Hist. Pr. B. Bact. ($\frac{1}{2}$ A.)	Anatomy Pr.
12–1	Hist. Pr. A. Biochem. Pr. B.	Physiol. Pr. B. Bact. ($\frac{1}{2}$ A.)	Physiol. Pr. B. Bact. ($\frac{1}{2}$ A.)	Biochem. Pr. B. Bact. ($\frac{1}{2}$ A.)	Hist. Pr. B. Bact. ($\frac{1}{2}$ A.)	
2–5	Anatomy Pr.	Biochem. Pr. A.	Anatomy Pr.	Anatomy Pr.	Biochem. Pr. A.	

Easter Term.

9–10	Physiology	Biochemistry	Physiology	Biochemistry	Biochemistry	Anatomy Pr.
10–11	Anatomy	Physiol. Pr. B. to February 8th Physiol. Pr. A. Bact. ($\frac{1}{2}$ B.)	Physiol. Pr. B. to February 8th Physiol. Pr. A. Bact. ($\frac{1}{2}$ B.)	Anatomy	Histology	Anatomy Pr.
11–12	Hist. Pr. B. Biochem. Pr. A.	Physiol. Pr. A. Bact. ($\frac{1}{2}$ B.)	Physiol. Pr. A. Bact. ($\frac{1}{2}$ B.)	Biochem. Pr. A. Bact. ($\frac{1}{2}$ B.)	Hist. Pr. A. Bact. ($\frac{1}{2}$ B.)	Anatomy Pr.
12–1	Hist. Pr. B. Biochem. Pr. A.	Physiol. Pr. A. Bact. ($\frac{1}{2}$ B.)	Physiol. Pr. A. Bact. ($\frac{1}{2}$ B.)	Biochem. Pr. A. Bact. ($\frac{1}{2}$ B.)	Hist. Pr. A. Bact. ($\frac{1}{2}$ B.)	Physiology
2–5	Anatomy Pr.	Biochem. Pr. B.	Anatomy Pr.	Anatomy Pr.	Biochem. Pr. B.	

THIRD YEAR CLINICAL TIME-TABLE, SESSION 1918-1919.

First Ten Weeks.

Oct. 1st to Dec. 7	HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	9 to 10.30	Surgery 7-12 Pharmac. 1-6	Medicine 7-12 Surgery 1-6	Surgery 1-12	Medicine 1-12 Clinical Lecture	Surgery 1-6 Pharmac. 7-12	Medicine 1-6 Surgery 7-12
	10.30 to 12	Medicine 7-12 Pharmac. 1-6	11 a.m. Anatomy 1-12	Medicine 1-12	10-1 Physiology 1-12	Medicine 1-6 Pharmac. 7-12	Medicine 7-12

Second Ten Weeks.

Dec. 9 to Mar. 1.		MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	9 to 10.30	Surgery 1-6 Pharmac. 7-12	Surgery 7-12 Clinical Lab. 1-6	Surgery 7-12 Pharmac. 1-6	Medicine 1-6 Clinical Lecture Clin. Lab. 7-12	Surgery 1-6 Path. Chem. 7-12	Path. Chem. or O.P.D. Surgery as notified 7-12 Path. Chem. 1-6
	10.30 to 12	Medicine 1-6 Pharmac. 7-12	Medicine 7-12. Clin. Lab. 1-6	Medicine 7-12 Pharmac. 1-6	Medicine 1-6 Clin. Lab. 7-12	Medicine 1-6 Path. Chem. 7-12	Path. Chem. 1-6 Medicine 7-12

Third Ten Weeks.

Mar. 3 to May 10.		MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	9 to 10.30	Surgery 1-6 Pharmac. 7-12	Surgery 1-6 Clin. Lab. 7-12	Surgery 7-12 Pharmac. 1-6	Medicine Clinical Lecture 7-12 Clin. Lab. 1-6	Surgery 7-12 Path. Chem. 1-6	Path. Chem. or O.P.D. Surgery as notified 1-6 Path. Chem. 7-12
	10.30 to 12	Medicine 1-6 Pharmac. 7-12	Medicine 1-6 Clin. Lab. 7-12	Medicine 7-12 Pharmac. 1-6	Medicine 7-12 Clin. Lab. 1-6	Medicine 7-12 Path. Chem. 1-6	Path. Chem. 7-12 Medicine 1-6

THIRD YEAR DIDACTIC TIME-TABLE.

Michaelmas Term.

Hour	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.
12-1		Physiology.	Physiology	Physiology.	
1 2	Pharmacology.				General Pathology.
2 3	Anatomy.	Physiology.	Surgery.	Topographical Anatomy	Anatomy.
3-4	Anatomy.	Anatomy.	Anatomy.	Physiology.	Anatomy.
4-5	Anatomy.	Anatomy.	Anatomy.		Anatomy.

Easter Term.

12-1		Psychology (½ Term) Neurology (½ Term)		Physiology.	
1-2	General Pathology		Pathological Histology.		General Pathology.
2 3	Pathological Histology.	Surgery.	Pathological Histology.	Physiology.	Pathological and Bacteriological Laboratory.
3-4	Pathological Histology.	Physiology.	Medicine.	Pathological Histology.	
4-5	Therapeutics		Pharmacology.	Pathological Histology.	

FOURTH YEAR CLINICAL TIME-TABLE, SESSION 1918-1919.

Ten Weeks.

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9–10	Obstetrics	Infect. Diseases	Medicine	Medicine	Infect. Diseases	Medicine
10–11	Work Hour	Work Hour	Work Hour	Work Hour	Work Hour	Work Hour
11–12	Medicine	Surgery	Surgery	Path. Chem.	Surgery	Surgery
12–1						Medicine Clinical Lect. T.G.H.

Ten Weeks.

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9–10	Surgery	Medicine	Clin. Therap.	Medicine	Medicine	Medicine
10–11	Eye Nose	Eye Nose	Work Hour	Eye Nose	Eye Nose	Work Hour
11–12	Nose	Nose	Surgery	Eye Nose	Eye Nose	Surgery
12–1						Medicine Clin. Lect. T.G.H.

FOURTH YEAR CLINICAL TIME-TABLE, SESSION 1918-1919—*Continued.*

Ten Weeks.

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9–10	Medicine St. M.H. 2 3 class W.H. 1/3 class	Medicine St. M.H. 2 3 class W.H. 1/3 class	9–10.30 Surgery H.S.C.	Medicine St. M.H. 2 3 class W.H. 1 3 class	9–10.30 Paed.	Medicine St. M.H. 2/3 class W.H. 1 3 class
10–11	Work Hour	Work Hour		Work Hour		Work Hour
11–12	Gynaec.	Surgery St. M.H. 2 3 class W.H. 1/3 class	10.30–12 Paediatrics	Surgery St. M.H. 2/3 class W.H. 1/3 class	10.30–12 Surgery H.S.C.	Surgery St. M.H. 2/3 class W.H. 1/3 class
12–1						Medicine Clin. Lect. T.G.H.

N.B.—Work Hour—Physical Diagnosis and Laboratory.

SYSTEM OF CHANGING CLASSES FOR FOURTH YEAR

Date.	Medicine. Surgery. Obstetrics. Clinical Therapeutics.	Medicine Surgery. Eye. Ear, Nose and Throat.	Medicine. Surgery. Gynaecology. Paediatrics.
Oct. 1 to Dec. 7.	B	A	C
Dec. 9 to Mar. 1.	C	B	A
May 3 to May 10.	A	C	B

FOURTH YEAR DIDACTIC TIME-TABLE

Michaelmas Term

HOUR	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
1–2	Pathological Histology	Pathological Histology	Pathological Histology.	Pathological Histology.	Pathological Chemistry
2–3	Pathological Histology.	Pathological Histology.	Pathological Histology.	Pathological Histology.	Surgery.
3–4	Obstetrics	Therapeutics	Gynaecology.	Obstetrics	Medicine.
4–5	Clin. Labor'y	Clin. Labor'y	Clin. Labor'y	Clin. Labor'y	Clin. Labor'y

Easter Term

12-1	Therapeutics.	Neurology.	Clin. Labor'y.	Clin. Therapeutics.	Clin. Labor'y.
2–3	Med. Jurisprudence	Special Pathology.	Clinical Conference on Autopsy Material.	Hygiene.	Hygiene
3–4	Gynaecology.	Psychiatry, 6 weeks. Medicine, 10 weeks.	Special Pathology	Paediatrics, 6 weeks. Medicine, 10 weeks.	Path. Chemistry
4–5	Paediatrics, 6 weeks. Toxicology, 8 weeks.	Clin. Labor'y.	Psychiatry, 6 weeks. Surgery, 10 weeks	Obstetrics.	Obstetrics.

N.B.—All clinics begin promptly on the hour.
No change is to be made in this time-table without the consent of the Faculty Council.

FIFTH YEAR CLINICAL TIME-TABLE, SESSION 1918-1919.

Ten Weeks.

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9–12	Medicine	Medicine	Medicine	Medicine	Medicine	Medicine
2–4	Medicine	(Tuberculosis Clinic)	Medicine	Medicine	(Tuberculosis Clinic)	

Ten Weeks.

9–12	Surgery	Surgery	Surgery	Surgery	Surgery	Surgery
2–4	Neurology	Pathology	Neurology	Neurology	Pathology	

Ten Weeks.

First Five Weeks.

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9–10	Paed. 1-4 Nose 5-8 Eye 9-12	Paed. 5-8 Nose 9-12 Eye 1-4	Paed. 9-12 Nose 1-4 Eye 5-8	Paed. 5-8 Nose 1-4 Eye 9-12	Paed. 9-12 Nose 5-8 Eye 1-4	Paed. 1-4 Nose 9-12 Eye 5-8
10–11	Paed. 1-4 Nose 5-8 Syphilis 9-12	Paed. 5-8 Nose 9-12 G.U. 1-4	Paed. 9-12 Nose 1-4 Syphilis 5-8	Paed. 5-8 Nose 1-4 G.U. 9-12	Paed. 9-12 Nose 5-8 Syphilis 1-4	Paed. 1-4 Nose 9-12 G.U. 5-8
11–12	Therap.	Dermat. 9-12	Clin. Therap.	Dermat. 1-4	Clin. Therap.	Dermat. 5-8
2–4	Dermat.			Psychiatry T.G.H. (Feeble-minded Clinic)	Psychiatry	

Second Five Weeks.

Obstetrics and Gynaecology

LECTURE TIME-TABLE.

	HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	12-1	Medicine. Clinical Lecture.	Medicine. Clinical Lecture.	Surgery. Clinical Lecture.	Clinical Conference on Pathological Material	Obstetrics.
October 7th-18th	4-5	Otology	Otology	Otology	Otology	Otology
October 21st-November 1st	4-5	Ophthal.	Ophthal.	Ophthal.	Ophthal.	Ophthal.
November 4th-8th	4-5	*Anaesthesia	*Anaesthesia	*Anaesthesia	*Anaesthes ia	*Anaesthesia
November 11th-22nd	4-5	Oto-Laryng.	Oto-Laryng.	Oto-Laryng.	Oto-Laryng.	Oto-Laryng.
November 25th December 6th	4-5	*History of Medicine	*History of Medicine	*History of Medicine	*History of Medicine	*History of Medicine
December 9th-13th	4-5	*Dentistry	*Dentistry	*Dentistry	*Dentistry	*Dentistry
December 16th-20th	4-5	*Medical Ethics	*Medical Ethics	*Medical Ethics.	*Life Insurance	*Life Insurance

SYSTEM OF CHANGING CLASSES.

Date.	Medicine.	Surgery. Pathology. Neurology.	Eye, Ear, Nose and Throat. Gynaecology. Gynaecological Pathology. Dermatology. Clinical Therapeutics. Psychiatry Obstetrics. Paediatrics. Syphilis. Genito-urinary Surgery.
Oct. 1 to Dec. 7.	Nos. 32 to 62	Nos. 63 to 94	Nos. 1 to 31.
Dec. 9 to May 1.	Nos. 63 to 94.	Nos. 1 to 31.	Nos. 32 to 62
Mar. 3 to May 10.	Nos. 1 to 31.	Nos. 32 to 62.	Nos. 63 to 94

*Questions on these subjects may be set on the papers in Medicine and Surgery.

THE MEDICAL BUILDING.

The Medical Building is situated between the University Library and the anatomical wing of the Biological Department.

It is three storeys in height in front, with an additional storey and sub-basement in the wings, which extend eastward. Two large lecture rooms are provided which flank the main building; the larger has accommodation for about three hundred and fifty students; the smaller for about two hundred students.

In the south wing, in what may be called the basement storey, are situated lavatories, recreation rooms and reading rooms for the students; in the same storey in the north wing is placed the Antitoxin laboratories.

The three main floors of the building are arranged upon what has been called the unit-system, a unit-room being thirty feet long by twenty-three feet deep, lighted on its long face by large windows.

These rooms may be united so as to form large laboratories or may be cut in two where it is necessary to have smaller rooms.

The south wing and the main portion of the building are occupied by the Department of Physiology and Biochemistry whilst the north wing accommodates the final departments of Medicine.

On the ground floor in the main portion are situated in front the Secretary's office, a large faculty room, a lavatory, and a library.

In the north wing in this floor are placed a chart and preparation room behind the lecture theatre, and on the third floor units are occupied by the Department of Pharmacology.

An interesting feature of the building is the provision which is made for research students by the presence of a series of small rooms in front of the south lecture room, each large enough to accommodate one or two workers.

As will be seen from the above description, a series of laboratories and lecture theatres is provided on the University grounds where the most ample facilities are afforded for both the practical and didactic instruction of students.

As heretofore, lectures and demonstrations will be given in the east wing of the Biological building in Biology and in the west wing in Anatomy; in the Chemical Laboratories in Chemistry and in the Physics building in Physics. It is impossible to provide more complete and efficient accommodation for the teaching of scientific medicine than that which exists in the University of Toronto to-day.

THE LIBRARY.

The University Library is contained in a building of its own, situated on the east side of the campus that lies to the south of the Main Building. All students who have paid a library fee to the Bursar of the University are entitled to the privileges of the Library. Besides Reading Rooms the

building contains Departmental Studies, which may be used as study-rooms by honour students in the various branches and in which the Professors hold seminary courses. The Library is opened at 8.45 every morning and remains open until 5.15 in the afternoon (6 p.m. during the second term). Books may not be taken out of the building during the daytime, but are lent for the night shortly before the hour of closing, to be returned the following morning before 10 o'clock. Books not in general demand may, on special application, be borrowed for a longer period. Failure to return a borrowed book at the proper time and other breaches of the regulations are punishable by fine or suspension from the privileges of the Library.

THE NEW PATHOLOGICAL BUILDING

Is on University Avenue and connected by a covered corridor with the Out-patient Department and so with the rest of the Toronto General Hospital. On the basement, or ground floor, are the Pathological Museum, lecture room and autopsy room as well as students' coat room and lavatories. On the first floor are rooms for the Hospital Pathologist and the routine Hospital pathology and class rooms for pathological histology and bacteriology. On the second floor the Professor of Pathology and Lecturer in Bacteriology have their private laboratories, and there are rooms for the Departmental Library and special classes in Pathology, in addition to a set of laboratories for pathological chemistry for the use of students in the Fourth and Fifth Years. On the third floor are the class rooms for systematic instruction in pathological chemistry and the laboratories for the staff in this Department, including balance, polari-meter, combustion and experimental rooms. Above this in the roof is the accommodation for animals.

Connected with the autopsy room is a cold storage plant with accommodation for twelve cadavers, and by means of a brine circulation, refrigerators in the staff laboratories on the first, second and third floors are kept cold. For many of the laboratories too there is a compressed air service.

The lecture room has seats for about 150 students and is connected with a room for preparing experimental demonstrations.

The museum is planned especially for the instruction of students; a small catalogue room and a preparation room are connected with it.

The class rooms are divided into small units and are exceptionally well lighted.

Lockers are provided for more than 300 students in the laboratories for pathological chemistry so that every student working in the Hospital may have his own place and apparatus.

The building is of fire-proof construction throughout.

ROYAL ONTARIO MUSEUM.

Archaeology, Geology, Mineralogy, Palaeontology, Zoology.

Students of the University in all departments are recommended to avail themselves of the privileges of the Museum, which, although under separate control, is intimately connected with the work of the University.

The Museum is open on all week days from 10 a.m. to 5 p.m. The admission is free to the public on Tuesday, Thursday and Saturday. On other days an admission fee of fifteen cents is charged.

By a resolution of the Board of Trustees all regular students of the University may be admitted free on all days of the week by presenting their card of registration.

TORONTO GENERAL HOSPITAL.

The new Hospital has more than seven hundred beds, and during the last year admitted to its wards 10,591 patients.

The Out-door Department, which has been elaborately equipped with especial attention to the requirements of teaching as well as treatment, is designed to receive and care for several hundred patients each day, if necessity demands. Last year 41,906 out-patients were treated.

The Hospital is for the treatment of acute medical and surgical diseases, and the members of the staff are, in nearly every instance, drawn from the University Medical Faculty.

The Hospital Block contains ten acres, and the group of buildings includes almost everything necessary to enable a student to acquire a practical knowledge of the profession of Medicine.

On the south-west corner is situated the large Pathological Building, which is also an integral part of the Hospital. In it are found the Pathological, Clinical, Chemico-Pathological and Vaccine Laboratories, as well as the Autopsy Room, Museums, etc. The Pathological Building is regarded as one of the most complete in America.

North of the Pathological Unit is found the Out-Patients' Department already referred to; then follows the Emergency Hospital, fully equipped with every modern device necessary for the immediate care and treatment of emergency patients. In this building arrangements have been made for the teaching and demonstration of practical methods in minor surgery.

The Medical Wing, the Administrative Building and Surgical Wing face College Street. These groups embody every modern requirement in hospital equipment, and special facilities for the student are provided—such as lecture room, lunch room, cloak room, etc.

Twelve Operating Rooms are to be found in the different Surgical sections. South of the Surgical Wing is located the Obstetrical Hospital with eighty beds.

The X-Ray Department is one of the most complete on the continent, and averages more than one hundred patients sent in for examination. Complete courses are given to the students, so that they can qualify themselves in X-Ray work. A well equipped Hydro-Therapeutic Department exists in connection with the X-Ray Department.

Clinical Training.

Clinical instruction is given in the various departments of the Hospital on all classes of patients.

I. *Theatre Lectures:*—Clinical Lectures are given on patients brought from the wards to the large theatre, by the professors of clinical medicine and of clinical surgery to the students of the Third, Fourth and Fifth years.

II. *Instruction in the Wards:*—

(*a*) Medicine and Surgery:—A systematic course of bedside instruction is given to a limited class of students. Arrangements are such that each physician and surgeon or his assistant is in daily attendance for the purpose of imparting instruction at the bedside. By this means provision is made for continuous daily work in the ward, and students of the Third, Fourth and Fifth years are required to avail themselves of it.

(*b*) Gynaecology:—Small classes of students receive instruction in diseases peculiar to women in the wards specially devoted to the treatment of such patients. These classes meet daily. Increased facilities have recently been provided for an out-door Gynaecological clinic.

(*c*) Obstetrics:—In the Obstetrical Hospital, final students are permitted to witness and assist in the conduct of *labours*. Students are also allowed to make engagements with out-patients and to attend them in confinement at their own home.

(*d*) Ophthalmology, Otology, Laryngology and Rhinology:—Diseases of the eye, ear, throat and nose are studied in the wards of the Andrew Mercer Infirmary.

III. *Surgical Operations:*—Surgical operations are performed in the various operating theatres every morning, or in cases of emergency at any time during the day or night when required.

IV. *Out-patients' Clinics:*—The recent provision which has been made for the accommodation of out-patients will afford unsurpassed facilities for instruction in the important class of diseases which here pass under observation. Physicians and Surgeons are in attendance daily, and the patients serve to illustrate the instruction. The cases presenting themselves in the special departments of the Hospital devoted to diseases of the eye, ear, etc., are available in the same manner. There also is an out-door clinic in gynaecology.

V. *Pathology:*

(*a*) Autopsies:—These are performed at stated hours by the Professor or the Demonstrator of Pathology. The examinations are conducted in a systematic way, and instruction on the morbid conditions found is imparted to the students. The bearings of the gross post-mortem appearances on the conditions previously found at the bedside are carefully investigated, and, when necessary, arrangements are made for further examination, microscopical and chemical. There were 246 autopsies during the year.

(*b*) The examination and analysis of the various fluids, excreta and pathological products of patients in the wards, are conducted in the University Hospital laboratory. Students are required to keep systematic records of the results obtained by these examinations.

Clinical Clerks and Surgical Dressers.

Clinical clerks and surgical dressers are appointed to act for limited periods. They are required to take complete histories of cases allotted to them, and to receive certificates for the same, as required by the Ontario Medical Council. Post-mortem clerks are appointed, and are required to make complete reports of all autopsies made in the post-mortem room, which is situated in the Hospital grounds. Clinical clerks and surgical dressers are also appointed in the departments of gynaecology, ophthalmology and otology.

Every student in the Department of Surgery shall be required to take the history, attend the dressing and keep the record of four cases in the Ward.

If any such cases come to operation he shall attend the same, disinfect himself, don an operating gown and come within the pale of the theatre to render such assistance as may be required of him, and to record the facts of the operation and the result. If any such come to post-mortem examination he shall attend the same, render such assistance as may be required of him and record the findings.

Students in Clinical Medicine shall be required to observe this last regulation respecting attendance at post-mortem examinations.

Resident Assistants in the Hospital.

A number of resident assistants are appointed annually from the graduates in medicine of the University, and hold their positions for two years.

They will have full opportunities for acquiring experience in the general and special wards of the Hospital, and during the session they will have charge under the physicians and surgeons in the general wards.

HOSPITAL FOR SICK CHILDREN.

This large Hospital, with 160 beds, is entirely devoted to diseases in children, there having been 3,740 cases treated during the last year. In the Out-patient Department, 39,654 patients were attended. The old building has been remodelled and a large new wing has been built on the west side of the present building. These alterations and additions include new operating theatres, out-patient department, pathological laboratories and wards for infectious cases. In the clinics, cases exemplifying the various diseases in infancy and childhood will be exhibited. Abundant opportunities for a personal examination of all cases are afforded.

Resident assistants are appointed annually from the graduates in medicine of the University, and hold their position for the year. The opportunity thus afforded for obtaining a practical knowledge of this very important department of medical practice is unsurpassed.

ST. MICHAEL'S HOSPITAL.

This institution is conducted as a General Hospital, where medical, surgical and obstetrical cases are admitted. The number of patients admitted last year was 4,788 while 17,896 cases were treated in he out-patient department. There were 357 births in the Obstetrical Department. The accommodation has been enlarged by the addition of a new wing, so that there are now 400 beds. An operating theatre has been provided, constructed with all the necessary modern equipment for the practice of antiseptic surgery.

Clinical instruction is given in this Hospital by those members of the staff who are also on the teaching staff of the University of Toronto. Opportunity is also provided for the study of Pathology. Post-mortem examinations are conducted systematically so that students may avail themselves of the material in this department. Clinical clerks and surgical dressers are appointed from the students in attendance at the Hospital.

Resident assistants are appointed annually from the graduates in Medicine of the University of Toronto.

TORONTO WESTERN HOSPITAL.

This is a modern institution affording excellent opportunities for clinical study. During the past year 4,547 patients were admitted, making a daily average of 189. There is an out-door service where dental, tubercular, surgical, medical, gynaecological and special clinics are held; the number of patients treated in the Out-patient Department last year was 10,075.

An X-Ray Department, a clinical laboratory and a morgue are aids to the students in the pursuit of their studies.

Two large operating theatres are provided and the operations performed last year numbered 2,112. There is also an Obstetrical Department.

There are four public wards specially adapted for clinical teaching each containing thirty beds; two of these wards are devoted to medical and two to surgical cases.

Resident assistants are appointed from the graduates and undergraduates in Medicine of the University of Toronto.

GENERAL INFORMATION FOR STUDENTS.

MILITARY INSTRUCTION.

By order of the Board of Governors each male student proceeding to a degree must take a course of military instruction. He must first undergo a physical examination under the direction of the Physical Director of the University in order to determine his fitness for such military instruction. Each student deemed unfit must take a course in physical training such as will meet his special case.

DISCIPLINE.

The Council of University College and the governing bodies of the federated universities and colleges, respectively, have disciplinary jurisdiction over and entire responsibility for the conduct of their students in respect of all matters arising or occurring in or upon their respective college buildings and grounds, including residences.

The councils of such of the faculties as have assigned for their separate use any building or buildings and grounds, including residences, have disciplinary jurisdiction over and entire responsibility for the conduct of all students in their respective faculties in respect of all matters arising or occurring in or upon such building or buildings and grounds.

In all such cases, and, save as aforesaid, as respects all students to whatsoever college or faculty they may belong, disciplinary jurisdiction is vested in the Caput, but the Caput may delegate its authority in any particular case or by any general regulation to the council or other governing body of the university or college or faculty to which the student belongs.

If there be any question as to the proper body to exercise jurisdiction in any matter of discipline which may arise, the same shall be determined by the Caput, whose decision shall be final.

Disciplinary jurisdiction includes the power to impose fines.

REGULATIONS RELATING TO STUDENTS.

1. No student will be registered in any year, or be allowed to continue in attendance, whose presence for any cause is deemed by the Faculty Council or Caput to be prejudicial to the interests of the University. Registration in any year does not entitle a student to registration in a subsequent year.

2. Students are required to attend the course of instruction and the examinations in all subjects prescribed for students of their respective standing, and no student will be permitted to remain in the University who persistently neglects academic work.

3. All interference on the part of any student with the personal liberty of another, by arresting him, or summoning him to appear before any tribunal of students, or otherwise subjecting him to any indignity or personal violence, is forbidden by the Council. Any student convicted of participation in such proceedings will render himself liable to expulsion from the University.

4. A student who is under suspension, or who has been expelled from a College or the University, will not be admitted to the University buildings or grounds.

5. The constitution of every University society or association of students and all amendments to any such constitution must be submitted for approval to the Caput. All programmes of such societies or associations must, before publication, receive the sanction of the Caput. Permission to invite any person not a member of the Faculty of the University to preside at or address a meeting of any society or association must be similarly obtained. Societies and associations are required to confine themselves to the objects laid down in their constitution.

6. The name of the University is not to be used in connection with a publication of any kind without permission of the Caput.

THE UNIVERSITY OF TORONTO MEDICAL SOCIETY.

This Society consists of the graduates and undergraduates enrolled in the Faculty of Medicine of the University of Toronto. It is under the patronage of the members of the Faculty of Medicine and its object is to deal with all matters pertaining to the general interest and welfare of the students, especially:—

(*a*) To encourage interest in general medical science and literature, and in pursuit of medical studies.

(*b*) To provide a supply of daily newspapers, periodicals, magazines and music for the reading rooms; also telephones for the convenience of students.

(*c*) To be a means of communication between the Student body and the Faculty or others, when such communication is desirable.

(*d*) To provide a series of entertainments for students at intervals during the Session.

(*e*) Each student will be required to pay the annual fee of two dollars to the Treasurer of the Society, to be divided as follows:—

Medical Society Fee	$1.00
Athletic Fee	.25
Class Fee	.75

UNIVERSITY OF TORONTO YOUNG MEN'S CHRISTIAN ASSOCIATION.

The aim of this organization is to be of service to the undergraduates. At the commencement of the fall term it conducts a general information bureau where lists of inspected boarding houses are kept. Handbooks containing information that is of interest and importance to every student are presented to the men by the Association. The dose tables, prescriptions and chemical tests which are included in the Medical edition of this handbook make it of permanent value to every student in Medicine. The Association also endeavours to assist the men of the first year to become acquainted with each other and with men outside their own class by arranging a reception for them early in the year. For those students who find it difficult to meet all the expenses of a college course an employment bureau was opened last year, by means of which employment was provided for the spare hours of a few deserving students.

On Sunday mornings, for a greater part of the academic year, the Colleges' Sermon Series is conducted in the University Convocation Hall. The preachers at these services are among the strongest speakers to students in Canada and the United States.

The Bible Study Department of the Association has proven most interesting and helpful to the students. The method adopted for this study is the group system which means that the men who are following the work meet in groups of from six to eight in number at a time and place convenient to the members of the individual group. Each group is led—not taught—by a fellow student. As a result of the freedom of discussion which this method assures, and of the systematic nature of the study, great interest is aroused in the things which really count in life.

Mission Study classes are conducted on the same principle and afford an excellent opportunity for acquiring an acquaintance with the great world problems of our age.

ALPHA OMEGA ALPHA HONOUR MEDICAL SOCIETY.

A chapter of the Alpha Omega Alpha has been in existence in the University of Toronto since 1906. This society, which has chapters in all the principal Medical Schools of Canada and the United States, is a student organization founded for the furtherance of Medical Research. Entrance to it is dependent entirely upon standing at examinations. Its activities consist in a series of bi-weekly meetings held during the winter session, for which papers are prepared and read by the student members.

REGULATIONS FOR LICENSE TO PRACTISE.

For official information of all matters relative to the regulations for license to practise in the various Provinces in the Dominion, students should communicate with the Registrar. The following is a list of the names and addresses of the Registrars of the Medical Councils:

Ontario—Dr. H. W. Aikins, 170 University Ave., Toronto.

Quebec—Dr. J. Gauvreau, 30 St. James Street, Montreal, and Dr. C. R. Paquin, Quebec, P.Q.

New Brunswick—Dr. John S. Bentley, St. John.

Nova Scotia—Dr. W. H. Hattie, Halifax, N.S.

Prince Edward Island—Dr. S. R. Jenkins, Charlottetown.

Newfoundland—Dr. H. Rendell, St. John's, Newfoundland.

Manitoba—Dr. J. S. Gray, 358 Hargrave Street, Winnipeg, or W. J. Spence, Registrar University of Manitoba, Winnipeg.

Alberta—Dr. G. Macdonald, Calgary, Alta.

Saskatchewan—Dr. G. A. Charlton, Regina.

British Columbia—Dr. A. P. Proctor, Victoria, B.C.

For official information regarding the Medical Council of Canada, address: Dr. R. W. Powell, 180 Cooper Street, Ottawa, Canada.

THE FACULTY OF MEDICINE AND THE WAR.

THE UNIVERSITY OF TORONTO C.O.T.C.

The formation of the University of Toronto Contingent of the Canadian Officers' Training Corps was authorized on October 15th, 1914. Lieut.-Col. W. R. Lang, C.E., Professor of Chemistry in the University, was appointed Commanding Officer, with Major C. S. McVicar Second in Command. Twelve companies were organized, two (F. and G.) being assigned to the Faculty of Medicine, under Captains E. S. Ryerson and W. F. McPhedran. Through both terms of the session 1914-1915, drill and instruction by lectures were given to each company on three afternoons of the week. Before the close of the session many of the members had left to join various active service units, notably the 25th and 26th batteries, C.F.A., No. 2 Casualty Clearing Station, No. 5 Field Ambulance, and No. 4 General Hospital, (University of Toronto). With the last named went Major C. S. McVicar, Captain E. S. Ryerson, Lieutenants R. G. Armour, D. A. L. Graham and J. G. Gallie. Captain L. Gilchrist succeeded Captain Ryerson in the command of F Company, and remained in charge till the summer of 1 16, when he left to take an appointment in the Ontario Military Hospital at Orpington.

During the summer of 1915 many members of the Corps went on active service. In October of that year the Corps was again about 1,500 strong, but in the course of the session 1915-1916 its numbers rapidly diminished owing to the continuous enlistments for overseas service.

In October, 1916, F and G Companies were combined and took training under Lieut. C. A. Rae, who in March, 1917, received an appointment in the C.A.M.C. and proceeded overseas.

To the students of the Faculty of Medicine the C.O.T.C. has been of service in two ways. For those who have joined the combatant services it has provided the same course of infantry training as for the students of other faculties. For those who have joined the medical units it has provided the preliminary training and knowledge of organization which are required in all branches of the service. In addition, special courses in A.M.C. work have been carried out under the direction of the A.D.M.S. of this military district.

Those who organized the C.O.T.C. have the satisfaction of knowing that of the Medical graduates from 1915-1918 and the undergraduates of the corresponding period who have gone on Active Service and often won marked distinctions, the majority were formerly members of the Corps. In addition there are the many graduates of previous years, whose names are on the Roll of Service.

No. 4 CANADIAN GENERAL HOSPITAL (UNIVERSITY OF TORONTO).

On the 15th of May, 1915, the University of Toronto sent a General Hospital of 1,040 beds to the Front. The officers, forty-three in number were drawn from the members of the Faculty of Medicine, under the leadership of Colonel J. A. Roberts. This unit was splendidly equipped as University of Toronto graduates and others voluntarily subscribed large sums of money and also sent in useful supplies. No less than six ambulances were donated, as well as several motors of different descriptions.

The interest in this particular hospital has been widespread and it has attracted attention in the United States. The Daughters of the Empire in Cleveland have been most kind and generous in sending supplies and equipment, including a motor ambulance and a truck,—and a graduate in Chicago supplied a touring car.

After reaching England the Unit was broken up for a time,—the physicians and surgeons doing duty in different parts of England and France; the nursing sisters were distributed in the hospitals of England and France, but eventually the majority of the medical staffs were gathered in Shorncliffe, where they took charge of the military hospital.

On October 18th, 1915, the unit left England for the Mediterranean sailing from Plymouth on board a transport. The sisters were sent on a hospital ship and were, thus, temporarily separated from the rest of the unit. After a short visit to Malta and Alexandria, the unit proceeded to Salonica where, on November 10th, the Hospital was established under canvas, on a plain four miles from the town.

Throughout the winter the Hospital carried on heir work and a great deal was accomplished for the relie. of the sick and wounded. On May 25th, 1916, the Hospital was transferred to a new site on a small peninsula forming the eastern boundary of the harbour of Salonica. On the new site wooden huts had been erected; these were of a substantial character and provided excellent accommodation for efficient work. Certain huts we e utilized as wards, others were set apart as operating rooms, pathological laboratory, X-ray room and dental hut. Certain groups of huts formed the living rooms of the personnel of the unit and others the administrative offices. The wards were furnished with comfortable beds and each bed was provided with an ample canopy of mosquito netting. The Hospital had its own electric light and power plant and was also equipped with a special water supply and sewage system.

The equipment of the Hospital on its new site was complete in every particular. Originally it had accommodation for 1,040 beds but later this was extended to 2,000 beds. During the summer of 1916 an enormous number of patients were treated for disease peculiar to the climate, in particular malaria and dysentery were rife. A large number of surgical cases also were treated in the surgical wards, under ideal conditions. During the first twelve months of their sojourn in Salonica 17,682 patients were

admitted to the wards. In many ways the experience gained was invaluable to the teachers from the University as it gave them a new point of view and added to their knowledge of the diseases of the East. From June 1916 to November of the same year, no less than 5,188 cases of malaria were observed and treated, and other types of diseases incident to the East. The percentage of deaths was .005, a rate that is very small indeed.

In March, 1917, the Dental Department received great praise. Lt.-Col. Gow was called to see the aged King of Serbia, for whom he extracted several teeth and made a couple of dentures. As a result Col. Gow received the decoration "Order of the White Eagle"—fourth class; Capt. Shields, who administered the anaesthetic, "Order of Savva"—fifth class; Corporal A. Smith, Privates T. A. Jones and A. W. Jones each received medals of the Crown Prince's Household.

Col. J. A. Roberts returned to England in poor health the latter part of 1916, and was succeeded by Col. W. B. Hendry. Col. Roberts had a brilliant record, and his distinguished services were acknowledged by the King, who gave him the rank of C.B. Col. Hendry, who is immensely popular with all members of the Hospital Unit, has proved a worthy successor to Col. Roberts, and has upheld the traditions of the University in every way possible.

After establishing a most flattering reputation in the East, the Hospital was transferred September 1917, to England, and shortly after their arrival they were assigned to Basingstoke, Hants, one of the best of the medical hospitals in England. It was built for a hospital for the Insane and is magnificently equipped with a duplicate "plant" for almost everything in the mechanical line. It provides accommodation for more than two thousand patients.

LIST OF STAFF OF THE FACULTY OF MEDICINE OF THE UNIVERSITY OF TORONTO ON MILITARY SERVICE.

ROBERT GARDNER ARMOUR, B.A., M.B.,
Assistant in Clinical Medicine,
Overseas. Major with No. 4 Canadian General Hospital, Salonica, Greece. Hospital removed to Basingstoke.
Neurologist, Mil. District No. 10, Winnipeg, Canada.

JOHN ANDREW AMYOT, C.M.G., M.D.,
Professor of Hygiene,
Overseas: Major with No. 4 Canadian General Hospital; Transferred—Lt.-Col., Sanitary Advisor to the Canadian Forces in England. Thereafter at Headquarters 2nd Army, B.E.F., now Consultant in Sanitation to D.M.S., Canadians.

WILLIAM HAROLD TREVORROW BAILLIE, M.A., M.B.,
Lecturer in Comparative Anatomy,
Capt. C.A.M.C.—A.D.M.S. Staff, Bramshott, Hants, England.

HARRY KENDALL BATES, M.B.,
Demonstrator in Anatomy,
Overseas. Capt., Central Military Hospital, Shorncliffe, Eng. Later—Headquarters Central Group, Can. Forestry Group, B.E.F., France.

GEORGE FLORIAN BOYER, M.D.,
Assistant in Clinical Medicine,
Overseas. Major with No. 4 Canadian General Hospital, Salonica.
Transferred—A.D.M.S. Staff, Canadians; later to Granville Canadian Special Hospital, Ramsgate. Physician in charge of Neurology, Buxton Hospital, Buxton, England, and later of Central Military Hospital, Toronto.

THOMAS GREGOR BRODIE, M.D., F.R.S.,
Professor of Physiology,
Capt. No. 4 Canadian General Hospital (On special duty.) (Died, August 20th, 1916.)

HERBERT ALEXANDER BRUCE, M.D., F.R.C.S., Eng.,
Associate Professor of Clinical Surgery,
Col. Consulting Surgeon to the British Forces in France under the War Office.

IRVING HEWARD CAMERON, M.B., LL.D., F.R.C.S.,
Professor of Surgery and Clinical Surgery,
Overseas. Col., Head of Surgical Staff, Ontario Base Hospital, Orpington, Kent, England.
Transferred—Consultant (Surgical) on Staff, D.G.M.S., Canada. Later—President Consultant Board, D.G.M.S. Branch, Canada.

John George Alexander Campbell, B.A., M.B.,
Assistant in Pathology,
Overseas. Capt. Sanitary Section, C.A.M.C., attached to No. 5 Canadian Mobile Laboratory, B.E.F., France.

Graham Chambers, B.A., M.B.,
Associate Professor of Clinical Medicine,
Overseas. Hon. Lt.-Col. with No. 4 Canadian General Hospital,
Transferred—Head of Medical Staff, Ontario Base Hospital, Orpington, Kent, England.
Later—Of Moore Barracks Military Hospital.

Alfred Hans Caulfeild, M.B.,
Special Assistant in Research in Medicine,
Overseas. Captain. Detailed for special duty with National Medical Research War Hospital, Croydon, with Prof. Hort.
Later—to Addington.
Transferred—No. 1 Canadian General Hospital, France, then to No. 8 Canadian Field Ambulance.
Now—Detailed to Research on Gas Gangrene in Divisional Laboratory, Toronto.

Herbert Ernest Clutterbuck, M.B.,
Assistant in Gynaecology,
Overseas. Lt.-Col. with No. 13 Base Hospital, Boulogne, France.
Transferred—In charge of Surgery, No. 8 Casualty Clearing Hospital, Bailleul.

C. Edmund Cooper Cole, B.A., M.B.,
Demonstrator in Therapeutics,
Overseas. Capt. M.O. of Princess Patricia Canadian Light Infantry, C.E.F.
Later—Major on Staff of Duchess of Connaugh Canadian Red Cross Hospital, Cliveden, Bucks. Later—Lieut.-Col. Bramshott Hospital, Bramshott, Hants, England.

Allan Freeth Coventry, B.A.,
Lecturer in Vertebrate Embryology,
Home Service. Capt. District Intelligence Officer, Military [District, No. 2.
Later—Overseas with 1st Canadian Tank Battalion.

Malcolm McLachlan Crawford, M.B.,
Demonstrator in Obstetrics,
Overseas. Major. Adjutant with Ontario Base Hospital, Orpington, Kent.
Transferred to D.G.M.S., Office, Canada.

Andrew Almon Fletcher, M.B.,
On enlistment, Junior Research Fellow in Medicine,
Overseas. Capt. with No. 4 Canadian General Hospital, Salonica.
Transferred—Office of A.D.M.S., Canadians, London Area; then to Granville Canadian Special Hospital, Ramsgate.
Later—M.O. Central Military Hospital, Toronto.

JOHN GERALD FITZGERALD, M.B.,
Associate Professor of Hygiene,
Home Service. Major. Second Sanitary Officer, 2nd Military Division.
Later—Overseas with R.A.M.C.

JOHN TAYLOR FOTHERINGHAM, C.M.G., B.A., M.B., M.D., C.M.
Associate Professor of Medicine and Clinical Medicine,
Overseas. Lt.-Col., Assistant Director Medical Services, 2nd Division, Canadian Expeditionary Forces.
Transferred—Surgeon-General, C.E.F., and D.M.S. Invalids, Ottawa. Later—A/D.G.M.S., Canada.

ROBERT EDWARD GABY, B.A., M.D.,
Demonstrator in Anatomy and in Clinical Surgery,
Overseas. Capt. with No. 4 Canadian General Hospital, Salonica.
Transferred—M.O. Toronto General Hospital, Military Wards

JOHN GORDON GALLIE, B.A., M.B.,
Assistant in Obstetrics,
Overseas. Capt. with No. 4 Canadian General Hospital, Salonica.
Transferred—Kitchener General Hospital. (Resigned).

LACHLAN GILCHRIST, M.A., Ph.D.,
Assistant Professor of Physics,
Overseas. Capt. X-Ray Department, Ontario Military Hospital, Orpington.

PERRY GLADSTONE GOLDSMITH, M.D.,
Demonstrator in Oto-Laryngology,
Overseas. Lt.-Col. Eye and Ear Hospital, Folkestone, Eng.
Later—Officer in charge, Canadian Convalescent Officers Hospital, Broadstairs, England.
Later—O.C. Officers Convalescent Hospital, Matlock, Derbyshire.

WILLIAM GOLDIE, M.B.,
Associate Professor in Clinical Medicine.
Overseas. Capt. with No. 4 Canadian General Hospital, Basingstoke.

ANDREW ROBERTSON GORDON, M.B.,
Associate Professor of Clinical Medicine,
Overseas. Hon. Lt.-Col. No. 4 Canadian General Hospital. (Died, December 16th, 1916).

DUNCAN ARCHIBALD LAMONT GRAHAM, M.D.,
Lecturer in Bacteriology,
Overseas. Major with No. 4 Canadian General Hospital, Hospital removed to Basingstoke. [Salonica.

ROSCOE REID GRAHAM, M.B.,
Assistant in Clinical Surgery.
Overseas. Capt. with Medical Board, London, England.

WILLIAM BELFRY HENDRY, D.S.O., B.A., M.B.,
Associate in Gynaecology,
Overseas. Lt.-Col., Second in Command, No. 4 Canadian General Hospital, Salonica.
Later—Colonel and Officer Commanding No. 4 Canadian General Hospital, Salonica. Hospital removed to Basingstoke, Hants., England.

SAMUEL ROSS DELAP HEWITT, M.B.,
Assistant in Therapeutics,
Overseas. Capt. No. 4 Canadian General Hospital, Salonica.
Transferred—Standing Medical Board, M.D. No. 2, Canada.

VELYIEN EWART HENDERSON, M.A., M.B.,
Associate Professor of Pharmacy and Pharmacology,
Overseas. Major with 198th Battalion, C.E.F.
Later—Capt. No. 14 Canadian Field Hospital, France.

ROBERT HOME, M.B.,
Demonstrator in Anatomy,
Overseas. Capt. with 107th Field Ambulance, R.A.M.C.
(Killed in Action, April 27th, 1917.)

CYRIL GRAY IMRIE, M.D.,
Lecturer in Chemical Pathology,
Overseas. Capt. No. 4 Canadian General Hospital, Salonica.
Transferred—Pathologist, Ontario Military Hospital, Orpington, Kent.

FRANCIS BOTELER KENRICK, M.A., PH.D.,
Associate Professor of Chemistry,
Home Service. Instructor at School of Instruction.

WILLIAM ROBERT LANG, D.Sc., F.I.C.,
Professor of Chemistry and Director of the Chemical Laboratory,
Home Service. Colonel. General Staff Officer in charge of Instruction, M.D. No. 2.
Transferred to Military Division No. 6.

GLADSTONE WILFRED LOUGHEED, M.D.,
Assistant in Pathology,
Overseas. Capt. M.O. of 134th Battalion, C.E.F.
Later—4th Canadian Field Ambulance, B.E.F., France.

SAMUEL JOHN NEWTON MAGWOOD, M.B.,
Assistant Demonstrator in Obstetrics,
Overseas. Major.
Transferred—No. 2 Canadian Casualty Clearing Station.
Later—On Staff, D.G.M.S., Ottawa. Now attached—Office A.D.M.S., M.D. No. 2.

WILLIAM JOHN OGILVIE MALLOCH, B.A., M.B., F.R.C.S.,
Associate in Clinical Surgery,
Overseas. Lieut.-Colonel. No. 4 Canadian General Hospital, Salonica. Hospital removed to Basingstoke.

FREDERICK WILLIAM MARLOW, M.D., C.M., F.R.C.S.
Associate Professor of Gynaecology,
Home Service. Lt.-Col. 2nd Division, A.D.M.S.
(Resigned).

PERCIVAL KEITH MENZIES, B.A., M.B.,
Assistant in Clinical Surgery,
Overseas. Major. No. 2 General Hospital, Le Treport, France.
Transferred—Major, Bramshott Military Hospital, England.
Later—Buxton Hospital, Buxton, England.

ANDREW SAMUEL MOORHEAD, M.B., F.R.C.S., England.
Assistant in Clinical Surgery.
Lieut. R.A.M.C.

JOHN ALEXANDER MCCOLLUM, M.B.,
Assistant in Clinical Surgery,
Overseas. Capt. Granville Canadian Special Hospital, Ramsgate. Now at Buxton.

DONALD MCGILLIVRAY, M.B.,
Associate in Clinical Medicine,
Overseas. Major. No. 4 Canadian General Hospital, Salonica.
Later—Lt.-Col., in charge of Medical side of No. 4 Canadian General Hospital, Salonica.
Now—Consultant, D.G.M.S. Branch, Canada.

JOHN JOSEPH MACKENZIE, B.A., M.B.,
Professor of Pathology and Bacteriology and Curator of the Pathological Museum and Laboratories,
Overseas Capt. No. 4 Canadian General Hospital, Salonica. Hospital removed to Basingstoke. (Resigned).

ALEXANDER JOHN MACKENZIE, B.A., M.B., LL.B.,
Demonstrator in Pathology and in Clinical Medicine,
Overseas. Major. Moore Hospital, Shorncliffe, England.
Later—Lt.-Col., in charge of Medicine, Moore Barracks Hosp'l.
Later—Col. i/c of Medical Department, Granville Canadian Specialists Hospital, Buxton, England.
Now—Officer Commanding, Camp Hospital, Halifax.

PATRICK WALTER HUGHES MCKEOWN, B.A., M.B.,
Associate Professor of Clinical Surgery,
Overseas. Hon. Lt.-Col. No. 4 Canadian General Hospital, Salonica.
Transferred—President of the Standing Medical Board, Shorncliffe, England.

JOHN HARRIS MCPHEDRAN, M.D.,
Demonstrator in Anatomy and in Clinical Medicine,
Overseas. Major. No. 4 Canadian General Hospital, Salonica.

HENRY ALLEN MCTAGGART, M.A., Tor., B.A., Cantab.,
Demonstrator in Physics,
Capt. In charge of X-Ray Department, No. 4 Canadian General Hospital, Salonica.
Hospital removed to Basingstoke.

CHARLES STANLEY MCVICAR, M.B.,
Demonstrator in Clinical Medicine.
Overseas. Major. No. 4 Canadian General Hospital, Salonica
Transferred—Lt.-Col., Board of Pension Commissioners for Canada.
Later—In charge of Medicine, Orpington, England.

BREFNEY ROLPH O'REILLY, M.D., C.M.,
Demonstrator in Clinical Medicine,
Sr. M.O. Royal Air Force, M.D. No. 2.

FRANK STEWART PARK, B.A., M.B.,
Assistant in Clinical Medicine,
Overseas. Capt. M.O. of 4th Canadian Mounted Rifles, C.E.F. (Prisoner of war at Gutensloh). Repatriated 1918.
Later—School of Orthopædic Surgery and Physio-theraphy, Toronto.

HAROLD CAMPBELL PARSONS, B.A., M.D., C.M., M.R.C.P.,
Associate in Clinical Medicine,
Overseas. Lt.-Col. No. 4 Canadian General Hospital, Salonica.
Hospital removed to Basingstoke.

ROBIN PEARSE, F.R.C.S., L.R.C.P.,
Assistant in Clinical Surgery.
Overseas. Capt. No. 4 Canadian General Hospital, Salonica.
Transferred—Office of A.D.M.S., London Area.

GEORGE ROWE PHILP, M.B.,
Demonstrator in Anatomy,
Overseas. Capt. No. 2 Canadian General Hospital, Le Treport
Major. Field Ambulance, C.A.M.C., B.E.F.
Later—Lt.-Col., O.C. No. 8 Canadian Field Ambulance, B.E.F., France; now on duty in Canada, A.D.M.S., Petawawa Camp.
Transferred—Board of Pension Commissioners for Canada.

ALEXANDER PRIMROSE, C.B., M.B., C.M.,
Professor of Clinical Surgery,
Overseas. Hon. Lt.-Col. No. 4 Canadian General Hospital, Salonica.
Transferred—Colonel. Consulting Surgeon, Staff, D.M.S., Canadians, London.
Later—Returned to Canada. Consultant in Surgery, M.D. No. 2.

THOMAS BEDFORD RICHARDSON, M.D., C.M., F.R.C.S.,
Associate in Clinical Surgery,
Home Service. Lt.-Col. Medical Officer in charge of Mobilization Centre, Sudbury, Ont.
Transferred—Board of Pension Commissioners for Canada.

ERNEST FULTON RISDON, D.D.S., M.B.,
Demonstrator in Anatomy for Dental Students,
Overseas. Capt. C.A.M.C. Sidcup Hospital, England.

JAMES ALEXANDER ROBERTS, C.B., M.B., L.R.C.P., F.R.C.S.,
Demonstrator in Clinical Surgery,
Overseas. Colonel. O.C. No. 4 Canadian General Hospital, Salonica. Transferred to O.C., Taplow.
Later—Officer Commanding Canadian Military Hospital, Basingstoke, England; now D.D.M.S., London Area.

DAVID EDWIN ROBERTSON, M.B.,
Demonstrator in Pathology and Assistant Curator of the Pathological Museum,
Assistant in Clinical Surgery,
Overseas. Major. No. 1 Field Ambulance, C.E.F., First Div.
Orthopædic Surgeon, Davisville Military Hospital, Toronto.

LAWRENCE BRUCE ROBERTSON, B.A., M.B.,
Assistant in Pathology and in Clinical Surgery,
Overseas. Major. No. 2 Casualty Clearing Station, France.
Orthopædic Surgeon, Davisville Military Hospital, Toronto.

ALBERT HILL ROLPH, M.B.,
Overseas. Capt. C.A.M.C.
Transferred—I/c X-Ray Department, 7th Canadian Stationary Hospital, C.A.M.C., France.

GILBERT ROYCE, B.A., M.B.,
Demonstrator in Oto-Laryngology,
Overseas. Capt. No. 4 Canadian General Hospital, Salonica. Hospital removed to Basingstoke.
Later—Lt.-Col. O.C. Canadian Convalescent Hosp., North Bromley, Kent.

ROBERT DAWSON RUDOLF, C.O.B.E., M.D., C.M., F.R.C.P.,
Professor of Therapeutics,
Overseas. Lt.-Col. No. 2 Canadian General Hospital. Le Treport,
Transferred—Colonel, Consultant in Medicine, Staff, D.M.S. Canadians, London.

EDWARD STANLEY RYERSON, M.D., C.M.,
Associate in Clinical Surgery,
Overseas. Major. No. 4 Canadian General Hospital, Salonica.
Transferred. Lt.-Col. A.D.M.S., M. D. No. 2, Toronto, Canada.

WALLACE ARTHUR SCOTT, B.A., M.B., F.R.C.S.,
Associate in Clinical Surgery,
Demonstrator in Anatomy,
Overseas. Lt.-Col. Moore Barracks Hospital, Shorncliffe, England.
Later—Colonel, Officer Commanding Moore Barracks Hospital.

WILLIAM ALBERT SCOTT, B.A. (McMaster), M.B.,
Assistant Demonstrator in Obstetrics and Gynaecology.
Overseas. Capt. No. 4 Canadian General Hospital, Basingstoke.

NOBLE CARMAN SHARPE, B.A., M.B.,
On enlistment, Junior Research Fellow in Medicine,
Overseas. Capt. No. 4 Canadian General Hospital, Salonica.
Transferred—Office A.D.M.S., Canadians, London.

NORMAN STRACHAN SHENSTONE, M.D.,
Demonstrator in Clinical Surgery,
Overseas. Capt. Ontario Base Hospital, Orpington, Kent.
Transferred—M.O. Toronto General Hospital, Military Wards.

HARRY JAMES SHIELDS, B.A., M.B.,
Assistant in Pathology,
Overseas. Capt. No. 4 Canadian General Hospital, Salonica.
Hospital removed to Basingstoke.

DAVID KING SMITH, M.B.,
Demonstrator in Clinical Medicine,
Overseas. Major. No. 4 Canadian General Hospital, Salonica.
Transferred. Lt.-Col. Specialist, Diseases of Skin, Staff of Moore Barracks Hospital, Shorncliffe, Eng.
Later—O.C. Davisville Military Hospital, Toronto.

CLARENCE LESLIE STARR, M.B.,
Associate Professor of Clinical Surgery,
Overseas. Lt.-Col. Chief Surgeon Granville Canadian Special Hospital, Ramsgate.
Transferred—Consultant, D.G.M.S. Branch.

GEORGE STEWART STRATHY, M.D., C.M.,
Demonstrator in Clinical Medicine,
Overseas. Major. No. 2 Casualty Clearing Station, France.
In charge of medicine, No. 14 Canadian General Hospital, Eastbourne, England.

GEORGE EWART WILSON, M.B., F.R.C.S.,
Demonstrator in Anatomy and in Clinical Surgery.
Overseas. Capt. No. 4 Canadian General Hospital, Salonica.
Surgeon. Military Wards, Toronto General Hospital.

BENJAMIN PHILP WATSON, M.D., Ch.B., F.R.C.S.,
Professor of Obstetrics and Gynæcology,
Overseas. Capt. with No. 4 Canadian General Hospital, Salonica. (Resigned).

OSWALD CHARLES JOSEPH WITHROW, M.B.,
Assistant in Biology,
Overseas. Capt. Granville Canadian Special Hospital, Ramsgate.
Transferred—No. 1 Canadian Casualty Clearing Station, France.
(Resigned).

HAROLD WILLIAM WOOKEY, M.B.,
On enlistment, Assistant in Physiology,
Overseas. Capt. with No. 4 Canadian General Hospital, Salonica.
Hospital removed to Basingstoke.

WALTER WALKER WRIGHT, M.B.,
Assistant in Ophthalmology,
Overseas. Capt. with Westcliffe Hospital, Folkestone.
Transferred—No. 11 Canadian Field Ambulance, France.

FACULTY OF MEDICINE, UNIVERSITY OF TORONTO.
LIST OF MEN ON ACTIVE SERVICE

Undergraduates, also Graduates who were in College when war was declared and who went Overseas when Course was completed.

Adams, J. H. F.
Allison, J. O.
Anderson, J. O.
Andrew, O. F.
§§Archibald, C. H.
Armstrong, A. G.
Armstrong, H. G.
Armstrong, G. W.
Atwell, W. C.
Auden, K. F.

§Barnes, W. B.
§§Barry, J. E.
Bartlett, R. D.
Bastow, D. C.
§Battley, J. C. S.
Beaton, C.
Bell, G. L.
§Berry, E. G.
§§Bethune, H. N.
§Bicknell, N. J.
Binning, G. G. T.
Birrell, R. G.
§§Blayney, Y.
§Blott, R. D.
Bromley, A. J.
§§Broughton, E. A.
Buckley, H. R.

Cameron, G. C.
Campbell, D. M.
Carlisle, A. M.
§§Carlisle, V.
Carrie, D. S.
Carruthers, W. L.
Carson, J. E.
Carson, R. A.
Carter, J. J.
Case, G. E.
Charteris, W. F.
Chester, J. F. V.
Clark, H. G.
Clendenan, D. G.
Clysdale, E. S.
Coliton, J. H.
§§Connell, W. C.
Cosgrave, K. W.
Coutts, W. G.
§§Crawford, J. S.
Crawford, S. H.
Crehan, W. H.
§Cromarty, R. P.
Crow, G. W.
Crowley, L. J.
§Cruickshank, H. C.
Cryderman, W. J.

§Dafoe, W. A.
§Dalton, R. E.
Danard, B. P.
Danby, S. L. E.
Danis, J. T.
Dawson, L. E.
Devitt, F. B.
Dickson, C. S.
Dickson, W. B.
Docherty, J. F.
Dow, W. W.
Doyle, R. H.
Drummond, H. A.
Dunn, A. S.
§Duncan, W. S.

Eadie, G. S.
Edmonds, W. B.
Edwards, J. C. R.
Elliott, R. J.
§Evelyn, S. J.
Ewart, E. W.

Farquharson, R. F.
Feick, T. B.
Fell, F. D.
Ferguson, J. S.
§Fielding, E. M. V.
Fitzpatrick, C. P.
§Forge, F. W.
Foster, F. H.
§Fraser, G. M.
§§Furey, N. W.

Gallaugher, L. C.
Gauld, W. H.
Gear, J. D.

§§George, R.
Gilmer, E. R.
Gill, D. G.
Gillrie, R. B.
Gordon, A. C.
Gordon, R. I.
§§Graham, S. G.
Graham, J. A.
Graham, W. L.
Gray, W. H.
Griffin, F. R.

§§Hagerman, A. R.
Hain, G. R.
Hall, R. C.
Hamlin, L. E.
Hare, R. B.
Harcourt, J. A. A.
§§Hargrave, H. R.
Harris, C. S.
Harris, C. W.
Hart, H.
§§Harvie, R. M.
Haskett, F. H.
Heard, K. M.
Henry, W. E.
Hewgill, J. C.
Hill, C. E.
§§Hill, L. R.
§§Hodgins, W. E.
§Hogarth, W. P.
Hopkins, H. E.
§§Howell, J. H.
Huether, A. L.
Husband, A. C.

§§Irvine, H. J.
Ives, R. E.

§§Jackson, A. B.
Jewell, R. M.
§§Johnson, F. M.
Johnson, J. H.
§§Johnston, W. J.
Johnston, W. E.
Jones, E. M.
Jordan, G. A.
Joyce, R. E.
Junkin, F. L.

Kean, G. J.
Kemp, M. W.
Kilgour, A. J.
Kinsman, J. D.
§Kirkup, N. N.

Lamont, J. L.
§Lane, W. R.
Lang, H. B.
Latchford, J. K.
Laventure, G. A.
§§Leech, F. W.
§§Lindsay, A. R.
Linton, J. A.
Little, W. C.
Little, H. S.
§Lloyd, F. P.
§Locke, W. B.
§Logie, W. D.
Logan, H. D.
Logan, F. A.
Lyons, G. W.

Mackersie, W. G.
Marshall, H. S.
Martin, A. D.
Malcolmson, G. M.
Matheson, G. M.
Mickleborough, K. G.
Millar, M. E.
Miller, H. R.
Miller, W. H.
Minns, J. E.
§Mitchell, F. R.
Mitchell, N. H.
Montgomery, S. R. P.
Moon, H. R.
Morris, R. H.
§Mulligan, C. V.
§Murray, D. W. G.
§Murray, J. K. P.
Murray, L. A.

McAllan, N. R.
McCart, H. W. D.
McCarter, A. B.
McClelland, J. C.
§McClinton, W. S.
McClintock, J. J.
McClure, W. B.
McCormack, W. G.
McCorvie, C. H.
McEachern, J. M.
§§MacDonald, A. E.
McDonald, J. J. A.
McFaul, A. M.
§McGillivray, J. E.
§McIntosh, P. D.
§§Mackenzie, A. E.
§§MacKenzie, J. W.
McKenzie, W. L.
McKeough, S. W.
§McKinnon, N. E.
McLellan, T. G.
McLeod, J. H.
Macnamara, H. O.

§§McNair, A. Y.
McPherson, R. J.
MacQueen, M. D.
McVean, H. C.

§§Nash, H. C.
Nelson, E. J.
§Nettleton, E.
Nickle, F. J.
Nodiwell, G. R.
§§Norwich, A. C.

O'Donnell, B. A. P.
Ogilvie, J. M.
O'Leary, F. J.
Orechkin, S. H.
Owen, H. H.

Palmer, H. I.
Pauley, G. E.
Pedley, W. H.
Porter, W.
Phillips, H. C.
Powell, W. G.
Pratt, R. S.
Price, C. K.
§Puffer, D. S.

Quinn, H. J.

§§Rae, C. A.
§Ramsey, G. H.
Ratz, R. G.
§§Rawlings, H. A.
§§Reddick, J. W.
Reid, J. S.
Richardson, R. N. C.
Richardson, W. F.
Riddell, W. R.
Rivers, R. E.
Roger, I. B.
Russell, D. C.
§Russell, N. H.
§§Rutherford, W. B.

§§Sarjeant, P. A.
§§Scott, C. V.
§Scott, W. J.
§§Scullard, G.
§§Shannon, P. R.
§§Sharpe, J. H.
Shier, L. V.
Shirley, R. K.
Shunk, E. S. M.
Sievenpiper, S.
Sinclair, K. Y.
Singleton, A. C.
Skipper, S. C.
§§Smith, F. R.
§Smith, J. R.
Smylie, C. H.
Smylie, R. T.
Somers, J. B.
Speck, J. T.
Spence, C. A.
§Spratt, W. L.
§§Stanley, J. A.
§Steinhauer, W. B.
§Stevenson, G. H.
Stevenson, H. G.
Stoddart, W. O.
§Strachan, J. G.
Streets, C. W.
Sullivan, B. C.
Sutherland, J. L.
Swan, W. D.
Switzer, J. W.
Symington, J. B.
§§Sykes, G. F.

Taylor, R. E.
Thomas, C. H.
Thompson, A. A.
Thompson, I. B.
Travers, J. T.
Truscott, R. S.
Turnbull, A.

Urquhart, G. T.

Verity, L. E.

Warner, W. P.
Watson, G. F.
Watson, G. H.
Webster, D. B.
§§Wells, C. A.
Wickham, F. E.
Wigle, D. S.
Wilkinson, F. W.
Wilson, D. G.
Wilson, F. G.
§§Wilson, M. J.
Wilson, W.
Wilson, D. B.
Woods, W. E.
Woodward, R. C.
Wrong, H. A.
Wright, F. W.

Zarnke, E. E.
Zumstein, G. T.

§Ordered home by the Imperial War Office to complete their course.
§§Completed Course in Medicine and returned to Service.

CLASS 1915.

Allison, G.
Armour, R. S.

Baillie, W. H. T.
Ball, S. S.
Barnett, J. D. H. S.
Black, H.

Carpenter, T A.
Carr, L. A.
Cates, H. A.
Chassels, J.
Clement, F. W.
Coatsworth, R. C.
Cosbie, W. G.
Courtenay, H. D.
Crews, T. H.
Crompton, C. R. B.
Cunningham, J. G.

Dale, G. M.

Evans, W. L.

Fallis, L. C.
Ferrier, G. J.
Fraser, D. T.

Gillrie, F. R.
Gorman, M. E.
Graham, P. V.

Hamilton, H. P.
Hanley, J. B.
Harris, R. I.
Helliwell, M. R.
Hodge, W. R.

Howitt, J. R.

Jeffrey, E. S.

Kirkham, F. R.

Lamont, G. A.
Letts, F. L.
Ley, A. G.

Marlow, F. C.
Martin, H. C.
Moffat, A. B.
Moon, A. A.

McGanity, A. J.
McLarty, G. A.
McVicker, E. H.

O'Sullivan, P. M.
O'Gorman, V. K.

Paul, R.

Riddell, A. R.
Ross, J. W.
Routley, T. C.

Simpson, T. J.
Smith, H. R.
Stark, W. B.
Stirrett, E. Z.
Stock, V. F.
Storey, V. H.
Storms, T. H. D.
Sutherland, F. H.

Van Wyck, H. B.

Walker, S. A.
Walsh, S. Y.
Wilson, C. E.
Wishart, D. E. S.

CLASS 1916.

Armstrong, G. W.

Ballantyne, T. W.
Barry, J. E.
Blakely, A. M.
Brown, P. B.

Cameron, G. M.
Clarke, E. K.
Connell, W. C.
Corcoran, D.
Curry, P. W. M.

Dales, L. W.
Dickson, J. A.
Dixon, H. A.

Fenwick, C. P.
Foote, W. S.

Gillies, A. E.
Givens, W. C.
Graham, S. G.

Hessian, H. A.
Hetherington, H. B.

CLASS 1916—*Continued.*

Hill, L. R.
Hodgins, W. E.

Jackson, A. B.
Janes, R. M.
Jones, W. E.

Knox, A. W.

Lindsay, A. R.
Little, N. H.

Martin, W. E.

MacCallum, A. J.
McCullough, J. C.
MacDonald, A. E.
MacDonald, A. R.
McDonald, J. L.
McLean, W. J.
McNair, A. Y.
McPherson, E. E.

Naylor, A. H.
Norwich, A. C.

Robson, R. B.
Rehill, J. R.
Rutherford, W. B.

Sarjeant, P. A.
Scullard, G.
Sharpe, J. H.
Stanley, J. A.
Stobie, G. H.

Tisdall, F. F.

Willoughby, C. J. M.
Wilson, F. B. G.
Wilson, M. J.

Young, H. G.

SPECIAL WAR SESSION, DECEMBER, 1916.

Adams, J. F.

Banting, F. G.
Barraclough, W. W.
Bethune, H. N.
Bleakley, T. W.
Boone, F. H.
Boyce, A. J
Broughton, E. A.
Brown, W. E.

Cornell, B. S.

Davis, D. I.
Dobbin, G. M.
Douglas, J. S.

Elkerton, F. J.
Elliot, H. A.

Farquharson, C.
Findlay, D. G.
Finlayson, D. R.
Frain, C. E.

George, R.
Gilchrist, J. A.
Gimby, J. E.
Graham, M. G.
Grisdale, A.

Hagerman, A. R.
Hardstaff, R. J.
Henderson, W. I.
Hipwell, F. W. W.
Hutchinson, E. D.

Jamieson, W. G.
Jeffrey, A. M.
Jeffs, G. D.
Johnson, F. M.
Johnston, W. J.

Mathers, J. A.
Mills, C. V.
Mitchell, H. A.
Mitchell, I. N.
Montgomery, A.
Moody, A. J.

McAllister, H. C.
McClelland, J. C.
Macdonald, J. H.
McDonald, J. M.
Macdougall, C. S.
MacKay, A.
MacKinlay, R.

Peacock, T. W. P.
Parney, F. S.

Scott, G. R.
Sparks, W. E. L.

Tew, W. P.
Thomas, N. O.
Thompson, C. E.

Veitch, H. D.

White, T. E.

CLASS 1917.

Blayney, Y.

Crawford, J. S.

Furey, N. W.

Hargrave, H. R.
Howell, J. H.

Irvine, H. J.

Leech, F. W.

Miller, C. O.
Mitchell, W. T. B.

Mackenzie, A. E.

MacKenzie, J. W.
MacTavish, C. R.

Nash, H. C.

Rae, C. A.
Rawlings, H. A.
Reddick, J. W.

Scott, C. V.
Shannon, P. R.
Smith, F. R.
Sykes, G. F.

Tate, E. C.

Wells, C. A.

ROLL OF HONOUR.

Killed in Action or Died of Wounds.

John Oliver Allison, Medicine 1919.
Lieutenant, Signalling Officer, 162nd Battalion.
Killed in action, May 21st, 1918.

David Benjamin Bentley, M.D., C.M. 1891.
Major, C.A.M.C., Field Ambulance.
Died, April 1917.

Richard Henry Bonnycastle, M.B. 1905.
Major, C.A.M.C.
Died, October 7th, 1917.

George Herbert Bowlby, M.D., C.M. 1888.
Captain, C.A.M.C.
Accidentally killed, November 10th, 1916.

Adam Peden Chambers, M.D., C.M. 1892.
Captain, C.A.M.C.
Died at St. Lucia, France, May 16th, 1917.

Allen Charles Mackenzie Cleghorn, M.D., C.M. 1892.
Captain, R.A.M.C.
Died, March 22nd, 1916.

Walter Gordon Coutts, Medicine 1921.
Flight-Lieutenant, Royal Flying Corps.
Killed in an aeroplane accident in England, December 2nd, 1917.

Gordon Willson Crow, Medicine 1919.
Lieutenant in the 31st Battery, C.F.A.
Killed in action at the Somme, September 21st, 1916.

John Arthur Cullum, M.D., C.M. 1905.
Captain, C.A.M.C.
Died of wounds, November 10th, 1916.

George Gordon Duncan, Medicine 1916.
Temporary Captain in the 4th Brigade, 10th Battalion.
Killed in action, May 4th, 1916.

William Laurance Evans, M.B. 1915.
Lieutenant in the R.A.M.C., King's Own Liverpool Regiment.
Killed in action, August 11th, 1916.

Ernest Richard Gilmer, Medicine 1918.
Second Lieutenant in the 1st Royal Irish Fusiliers.
Killed in action, November 28th, 1916.

Paul Archibald Gillespie, M.B. 1891.
Major, R.A.M.C.
Died at Windburg, South Africa, March 24th, 1916.

GEORGE CLARENCE GLIDDON, graduate of 1914.
Captain in the 10th Battalion.
Died of wounds, May 14th, 1915.

ANDREW ROBERTSON GORDON, M.B. 1890.
Lt.-Col. in the C.A.M.C.
Died, December 16th, 1916.

JAMES HENDERSON, M.D., C.M. 1902.
Captain, R.A.M.C.
Died, July 16th, 1917.

WILLIAM HENDERSON, M.D., C.M. 1898.
Captain, R.A.M.C.
Died, November 1916.

ROBERT HOME, M.B., 1913.
Captain in the 17th Field Ambulance, R.A.M.C.
Killed in action, April 27th, 1917. (Loos.)

RICHARD HORKINS, M.B., 1914.
Captain with the R.A.M.C.
Killed in action at Combles, September 27th, 1916.

FRANCIS CARL HOWARD, Medicine 1918.
Lieutenant in the 75th Canadian Infantry Battalion.
Killed in action or died of wounds while prisoner at Field Hospital 213, Frankfort, Germany, September 9th, 1916, of wounds received the same day.

DAVID EDWIN HOWES, M.D., C.M. 1906.
Captain, C.A.M.C.
Killed in action.

RICHARD ALFRED IRELAND, M.B. 1911.
Captain, C.A.M.C., M.O. with the 76th Battalion.
Killed in action, November 10th, 1917.

HERBERT JONES, M.B., 1904.
Major, C.A.M.C.
Died, March 5th, 1917.

IVAN BERNARD MARTY, Medicine 1920.
Private in Infantry Battalion.
Died of wounds, April 14th, 1917, at Vimy.

HERBERT STANLEY MONKMAN, M.D., C.M. 1906.
Captain, Canadian Mounted Rifles.
Killed in action, December 1915.

JOHN MCCRAE, B.A. 1894, M.B. 1898, M.D. 1910.
Lieutenant-Colonel, C.A.M.C.
Died January 28th, 1918 at No. 14 General Hospital, Wimereux.

JOHN WILLIAM MCDOWELL, Medicine 1919.
Lieutenant in 1st Canadian Siege Battery.
Accidentally killed, December 13th, 1917.

Walter Wake McKenzie, M.B. 1914.
Captain, Military Hospital, Shorncliffe.
Died suddenly at Shorncliffe, February 21st, 1917.

William Stewart McKeough, Medicine 1917.
Captain in the 18th Battalion.
Killed in action at Courcelette, September 22nd, 1916.

Dugald Black McLean, M.B. 1913.
Captain in the R.A.M.C.
Killed in action, September 6th, 1916.

Edgar Harold McVicker, M.B. 1915.
Lieutenant in the R.A.M.C.
Killed in action, September 10th, 1916.

Harold Heber Owen, Medicine 1917.
Lieutenant in the 7th Battalion, 1st Canadian Division.
Killed in action, January 30th, 1916.

Thomas William Parker Peacock, M.B. 1916.
Lieutenant in the C.A.M.C.
Died as result of motor accident in Calgary, May 1917.

Murray Hume Paterson, M.B. 1914.
Captain, R.A.M.C.
Accidentally killed, September 15th, 1916.

Matthew Rae, Medicine 1915.
Private in the 4th Canadian Mounted Rifles.
Died of wounds while prisoner of war, April 1917.

Rupert Elwyn Rivers, Medicine 1919.
Lance-Corporal in the 35th Battalion.
Presumed to have died, June 9th, 1917.

Robert Scott Smith, M.B. 1911.
Captain, Medical Services.
Reported killed in action.

Ernest Zavitz Stirrett, M.B. 1915.
Surgeon, R.C.N.S. Niobe.
Died, June 22nd, 1917.

Arthur William Tanner, M.B. 1899.
Lieutenant-Colonel, C.A.M.C.
Died of wounds at Ypres, June 4th, 1916.

Charles Everett Thompson, M.B. 1916.
Lieutenant in the C.A.M.C.
Died of pneumonia at the Base Hospital, Gerrard St., Toronto, February 3rd, 1917.

Stanley Arthur Walker, M.B. 1915.
Lieutenant in the R.A.M.C.
Killed in action, October 15th, 1916, at the Somme.

Norman James Lang Yellowlees, B.A. 1907, M.B. 1909.
Captain and Adjutant, No. 4 Canadian General Hospital.
Drowned at Salonica, May 5th, 1916.

MILITARY HONOURS.

K.C.R.V.O.

Lieutenant-Colonel Sir E. S. Worthington

C.B.

Colonel A. Primrose
Colonel J. A. Roberts

C.M.G.

Lieutenant-Colonel J. A. Amyot
Lieutenant-Colonel E. C. Ashton
Major G. W. Badgerow
Surgeon-General J. T. Fotheringham
Colonel G. G. Nasmith
Lieutenant-Colonel G. S. Rennie
Colonel W. A. Scott
Colonel A. E. Snell

C.O.B.E.

Colonel R. D. Rudolf

D.S.O.

Captain G. W. Armstrong
Lieutenant-Colonel J. E. Davey
Lieutenant-Colonel J. J. Fraser
Major R. M. Gorseline
Lieutenant-Colonel J. N. Gunn
Lieutenant-Colonel E. B. Hardy
Colonel W. B. Hendry
Lieutenant-Colonel D. P. Kappele
Lieutenant-Colonel T. M. Leask
Major T. H. McKillip
Captain G. A. McLarty
Colonel A. E. Snell
Lieutenant-Colonel C. G. Thomson
Captain H. G. Young

D.S.C.

Surgeon-Probationer W. P. Warner
Flight Lieutenant A. T. Whealy—bar to D.S.C.

M.C.

Captain G. C. Anglin
Captain H. H. Argue
Capt. A. C. Armstrong
Captain T. H. Bell
Major C. A. Briscoe
Captain J. V. Brown
Captain H. Buck
Captain L. A. Carr
Captain J. P. S. Cathcart
Lieutenant J. R. L. Christian
Captain R. C. Coatsworth
Captain K. E. Cooke
Captain W. G. Cosbie
Lieutenant G. W. Crow
Captain J. A. Cullum—bar to M.C.
Captain H. C. Davis
Captain O. J. Day—bar to M.C.
Captain A. A. Drinnan
Lieutenant W. S. Duncan
Captain C. P. Fenwick
Captain D. T. Fraser
Lieutenant C. T. Galbraith
Captain A. J. Gilchrist
Major G. G. Greer
Captain H. P. Hamilton
Captain R. I. Harris—bar to M.C.
Captain H. Hart
Captain F. R. Hassard
Major A. K. Haywood
Captain J. R. Irwin
Major E. S. Jeffrey
Major H. B. Jeffs
Captain A. C. Johnston
Colonel G. C. Kidd
Captain J. G. Lee
Captain J. A. Linton
Captain W. S. McClinton
Major A. M. McFaul
Captain P. McGibbon
Captain R. J. Manion
Captain J. F. S. Marshall

MILITARY HONOURS—*Continued.*

Captain T. W. Moore
Captain V. H. K. Moorhouse
Captain A. G. Naismith
Captain W. F. Nicholson
Captain Eric Osbourne
Captain A. A. Parker
Captain M. H. Paterson
Captain J. S. Reid
Captain W. E. Sinclair
Captain V. F. Stock
Captain C. G. Sutherland
Captain A. E. Sutton
Major A. H. Taylor
Captain F. M. Walker
Captain D. A. Warren
Captain W. L. Whittemore
Captain C. S. Wynne
Captain C. R. Young—bar to M.C.

M.M.

Sergeant A. J. Bromley
Lance-Corporal J. E. McGillivray

Croix de Guerre

Captain W. H. K. Anderson
Captain A. C. Armstrong
Captain J. A. Cullum

Order of St. Savva

Colonel H. G. Barrie
Captain J. K. Mossman
Captain H. J. Shields

Serbian Red Cross Medal

Colonel H. G. Barrie

1914 Star

Lieutenant-Colonel H. C. Elliot
Lieutenant-Colonel R. S. Pentecost

Mentioned in Despatches

Lieutenant-Colonel J. A. Amyot
Captain R. S. Armour
Captain G. W. Armstrong
Colonel E. C. Ashton
Captain J. E. Barry
Captain T. H. Bell
Lieutenant-Colonel P. G. Brown
Captain H. Buck.
Colonel H. A. Bruce
Major F. S. Burke
Major H. H. Burnham
Colonel I. H. Cameron
Colonel H. R. Casgrain
Lieutenant-Colonel G. Chambers
Captain W. A. Clarke
Major D. J. Cochrane
Captain G. M. Dale
Lieutenant-Colonel J. E. Davey
Major A. W. M. Ellis
Surgeon-General J. T. Fotheringham
Lieutenant-Colonel J. J. Fraser
Captain A. J. Gilchrist
Major D. A. L. Graham
Captain C. G. Gunn
Lieutenant-Colonel E. B. Hardy
Captain F. R. Hassard
Colonel W. B. Hendry
Major W. L. Hutton
Major H. B. Jeffs
Lieutenant-Colonel T. M. Leask
Captain R. R. McClenahan
Major S. H. McCoy
Major A. M. McFaul
Major T. H. McKillip
Lieutenant-Colonel W. T. M. McKinnon
Major G. H. McLaren
Captain G. A. McLarty
Colonel D. W. McPherson
Lieutenant-Colonel C. S. McVicar
Lieutenant A. S. Malcolmson
Captain A. F. Mavety
Lieutenant-Colonel H. H. Moshier
Colonel G. G. Nasmith
Major E. A. Neff
Lieutenant H. H. Owen

MILITARY HONOURS—*Continued.*

Major H. C. Parsons
Lieutenant-Colonel G. R. Philp
Colonel A. Primrose
Captain G. W. Racey
Captain J. A. Reid
Captain J. S. Reid
Lieutenant-Colonel G. S. Rennie
Captain W. A. Richardson
Major D. E. Robertson
Lieutenant A. E. Ross
Lieutenant-Colonel E. R. Selby
Colonel A. E. Snell
Major G. S. Strathy
Captain S. J. Streight
Lieutenant-Colonel D. M. Sutherland
Major C. W. Waldron
Captain W. C. Walsh
Captain D. E. S. Wishart
Lieutenant-Colonel Sir E. S. Worthington
Lieutenant-Colonel T. W. H. Young
Captain H. G. Young

MEDALLISTS.

Medicine.

g. *gold medal*; s. *silver medal.*

Year.
58 Oille, L. S.–g.
Aikins, M. H.–s.
Millar, T.–s.
59 Barnhart, C. E.–g.
King, J.–s.
Francis, W. F.–s.
60 Bascom, J.–g.
Playter, E.–s.
Tisdell, F. B.–s.
Morton, E. D.–s.
Ogden, W. W.–s.
Martyn, D. H.–s.
61 Hudson, A.–g.
Elliott, J. D.–s.
62 Dolster, J.–g.
De Grassi, G. P.–g.
63 Ramsay, W. F.–g.
64 McLaughlin, J. W.–g.
65 Burnham, E. L.–g.
McCarthy, J. L. G.–s.
Kitchen, E. E.–s.
66 Mickle, W. J.–g.
McCullough, J.–s.
Wadsworth, J. J.–s.
67 Sparks, T.–s.
Palmer, R. N.–s.
Harbottle, R.–s.
Eccles, F. R.–s.
McFarlane, N.–s.
Newton, J. H.–s.
68 Brown, J. P.–g.
Hunt, R. H.–s.
Howe, T. C.–s.
69 Graham, J. E.–g.
Humble, C.–s.
McCollum, J. H.–s.
Bentley, T. B.–s.
70 Greenless, A.–g.
Burgess, T. J. W.–s.
Smith, C. M.–s.
Standish, J.–s.
Wagner, W. J.–s.
Burt, W.–s.
Williams, A. D.–s.
71 Forrest, W.–g.
Moore, C. Y.–s.
Henning, N. P.–s.
Delamater, R. H.–s.
72 Zimmerman, R.–g.
Crozier, J. B.–s.

Year.
73 Close, J. A.–g.
Beeman, M. I.–s.
Wright, A. H.–s.
Hagel, S. D.–s.
74 Fraser, D. B.–g.
Brown, O. C.–s.
Farewell, A.–s.
Cameron, I. H.–s.
Shaw, G.–s.
Fraser, D.–s.
75 Britton, W.–g.
White, J.–s.
Bennett, J. H.–s.
Eakins, J. E.–s.
76 McPhedran, A.–g.
Lackner, H. G.–s.
Bowerman, A. C.–s.
Wilson, W. J.–s.
77 Stuart, W. T.–g.
Orr, R. B.–s.
Richards, N. D.–s.
78 Griffin, H. S.–g.
Meek, H.–s.
Bonnar, J. D.–s.
Kennedy, G. A.–s.
Gardiner, J. H.–s.
79 Burt, F.–g.
Mills, R. P.–s.
Chappell, W. F.–s.
80 Cross, W. J.–g.
Bryce, P. H.–s.
Ferguson, J.–s.
81 Duncan, J. H.–g.
82 Wallace, R. R.–g.
Duncan, J. T.–g.
83 Robinson, W. J.–g.
Dolsen, F. J.–g.
84 Clerke, J. W.–g.
85 Howell, J. H.–g.
Carr, L.–s.
Saunders, R. M.–s.
Hoople, H. N.–s.
86 Peters, G. A.–g.
Noecker, C. T.–s.
Johnston, D. R.–s.
87 Ego, A.–g.
88 Féré, G. A.–g.
Galloway, J.–s.
89 Chambers, G.–g.
Collins, J. H.–s.

Year.
89 Godfrey, F. E.–s.
90 Barker, L. F.–g.
Cullen, T. S.–s.
Philip. W. H.–s.
McFarlane, M. T.–s.
McGillivray, C. F.–s.
91 Barnhardt, W. N.–g.
Bollen, P.–s.
Boyd, G.–s.
McGorman, G.–s.
92 Bruce, H. A.–g.
Middlebro, T. H.–s.
Gowland, R. H.–s.
Brown, J. N. E.–s.
93 Harvie, J. N.–g.
South, T. E.–s.
Elliott, W.–s.
Futcher, T. B.
Harvey, E. E. Æq–s.
94 McCollum, W. J.–g.
Rutledge, H. N.–s.
Crain, W. E.–s.
Johnston, H. A.–s.
95 Merritt, A. K.–g.
McKay, T. W. G.–s.
McCrae, T.–s.
Hunter, A. J.–s.
96 McCaig, A. S.–g.
Roberts, E. L.–g.
Graef, C.–s.
Goldie, W.–s.
Macklin, A. H.–s.
97 Elliott, J. H.–g.
Hume, J. J. C.–s.
Nichol, R.–s.
Yeomans, W. L.–s.
98 McCrae, J.–s.
Sutherland, G. A.–s.
White, W. C.–s.
Cahoon, F.–s.
99 Wells, W.–g.
Hargrave, H. G.–s.
Piersol, W. H.–s.
Gow, J.–s.
00 Scott, P. L.
Bell, C. C. Æq–g.
Howland, G. W.
Revell, E. D. Æq–s
Carder, E. D.–s.
01 Clarkson, F. A.–g.

Year.
01 McIlwraith, D. G.–s.
Cleland, F. A.–s.
Carswell, W. A.
Cohoe, B. A. Æq–s.
02 Roaf, H. E.
Saunders, W. P. Æq–g.
Fletcher, G. W.–s.
Moir, A.–s.
Archer, A. E.–s.
03 Oille, J. A.–g.
Phillips, J.–s.
Yin, S. C.–s.
Wilson, G. E.–s.
04 McCulloch, R. J. P.–g.
Kinghorn, A.–s.
Anderson, R. W.–s.
Walker, S. B.–s.
05 Lemon, W. S.–g.
Ford, G.–s.
Merritt, W.–s.
Gowland, M. E.–s.

Year.
06 McNeill, H. M.–g.
Holbrook, J. H.–s.
Dickson, E. C.–s.
Moorhead, A. S.–s.
07 Gray, G. C.–g.
McVicar, C. S.–s.
Schinbein, A. B.–s.
Cannon, O.–s.
08 Richards, G. E.–g.
Robertson, W. A.–s.
Buswell, R.–s.
Harkness, J. G.–s.
09 Parker, C. B.—g.
Tytler, W. H.–s.
Marcy, W. J. M.–s.
Brown, A. G.–s.
10 Watt, J. C.–g.
Follett, J. V.–s.
Butterfield, R. M.–s.
Barker, P. W.–s.
11 Livingstone, J. M.–g.
Eagles, A. S.–s.

Year.
11 Bouck, C.
Christie, N. A. Æq-s.
Campbell, J. G. A.–s.
12 McClenahan, R. R.
McPhedran, F. M., Æq–g.
Breslin, L. J.–s.
Wellman, A. L.–s.
13 Scott, W. A.
Fletcher, A. A. Æq-g.
Simon, K. M. B.–s.
Wookey, H. W.–s.
Brown, C. P.–g.
Irwin, O. M.–s.
Brodey, A.–s.
Darby, G. E.–s.
14 Detweiler, H. K.–g.
Hewitt, S. R. D.–s.
McKenzie, K. G.–s.
Brown, H. E.–s.

Starr Medallists.

Year.
67 Palmer, R. N.
68 Hunt, R. H.
Brown, J. P.
Cassidy, J. J.
69 Graham, J. E.
70 Burgess, T. J. W.–g.
Greenless, A.–s.
Wagner, W. J.–s.
71 Moore, C. Y.–g.
Henning, N. P.–s.
Forrest, W.–s.
72 Zimmerman, R.–g
Crozier, J. B.–s.
73 Meldrum, N. W.–g.
Close, J. A.–s.
Hagel, S. D.–s.

Year.
74 Brown, O. C.–g.
Farewell, A.–s.
Campbell, A. J.–s.
75 Britton, W.–g.
White, J.–s.
Bennett, J. H.–s.
76 Lackner, H. G.–g.
McPhedran, A.–s.
Bowerman, A. C.–s.
77 Stuart, W. T.–g.
78 Bonnar, J. D.–g.
Meek, H.–s.
Griffin, H. S.–s.
79 Burt, F.–g.
80 Cross, W. J.–g.
Bryce, P. H.–g.

Year.
81 Duncan, J. H.–g.
82 Wallace, R. R.–g.
83 Robinson, W. J.–g.
86 Peters, G. A.–g.
89 Collins, J. H.–g.
Chambers, G.–s.
90 Barker, L. F.–g.
91 Barnhardt, W. N.–g
92 Middlebro, T. H.–g
Bruce, H. A.–s.
96 McKay, T. W. G.
Rannie, J. A.
99 Hill, H. W.
03 McCrae, T.
08 Harvey, W. H.–g.
17 Dickson, E. C.–g.

DEGREES IN MEDICINE CONFERRED BY THE UNIVERSITY OF TORONTO AT THE ANNUAL CONVOCATION OF 1917.

Blayney, York
Butler, Allan James

Crawford, James Sinclair

Furey, Nicholson William

Hargrave, Henry Ralph
Howell, James Harrison

Irvine, Harold John

Leech, Frederick William

Miller, Cecil Orr
Mitchell, William Thomas Burton
Mackenzie, Archibald Edward

MacKenzie, John William
MacTavish, Charles Russel

Nash, Harold Chester

Rae, Cecil Alexander
Rawlings, Harry Albin
Reddick, Joseph Whittier

Scott, Charles Vincent
Shannon, Percy Roy
Smith, Frank Roy
Sykes, George Frederick

Tate, Elred Crawford

Wells, Charles Archibald

FACULTY OF MEDICINE.

REGISTER OF STUDENTS, 1917-18.

First Year.

Allan, F. N. ..... Wroxeter
Anderson, E. S. ..... Toronto
Appel, S. ..... Toronto
Armstrong, G. W. ..... Uxbridge
Athanassoff, T. P. ..... Toronto

Baker, S. E. ..... Toronto
Banford, C. A. R. ..... Iroquois
Barnes, L. S. ..... Toronto
Barton, E. R. ..... Toronto
Beaton, C. ..... Owen Sound
Belyea, C. C. ..... Kenora
Benson, J. G. ..... Wellington
Bicknell, E. A. ..... Toronto
Binning, G. G. T., Moose Jaw, Sask.
Bird, E. S. ..... Gananoque
Bird, H. G. ..... Gananoque
Blott, R. D. ..... Dunnville
Bochner, T. N. ..... Guelph
Boley, J. P. ..... Huntsville
Bowie, D. J. ..... Midland
Bowyer, Miss M. E. ..... Toronto
Boyes, T. L. ..... Hamilton
Bronstein, Miss R. ..... Toronto
Buckley, H. R. ..... Niagara Falls
Bull, R. C. ..... Weston
Burrows, Miss D. J. ..... Harriston

Carrow, G. W. ..... Toronto
Carruthers, Miss H. R. ..... Toronto
Cavanagh, J. L. ..... Owen Sound
Chan, Harry ..... Victoria, B.C.
Chase, Miss L. A. ..... Greenwich, N.S.
Chung, Miss V. ..... Victoria, B.C.
Clysdale, E. S. ..... Mooretown
Cray, J. F. ..... Guelph
Creen, Miss F. A. ..... Hamilton
Cruickshank, F. ..... Weston
Cumming, J. F. ..... Turnerville

Dalrymple, Miss L. A. Waskada, Man.
Danard, B. P. ..... Owen Sound
Dickson, J. A. ..... Niagara Falls
Drummond, H. A. ..... Toronto
Dunning, G. W. ..... Cumberland
Dusseau, C. ..... Toronto

Eisen, D. ..... Toronto
Evans, G. F. ..... St. Mary's

Fallon, J. T. ..... North Bay
Farncomb, H. F. ..... Trenton
Farquharson, R. F. ..... Agincourt
Fell, F. D. ..... Hamilton
Fine, H. P. ..... Toronto
Fleischauer, R. L. ..... Kitchener
Forrest, J. A. ..... Toronto
Foster, F. H. ..... Toronto
Foster, G. V. ..... Everett
Fowler, H. G. ..... Toronto

Gauld, R. L. ..... Mimico
Gay, Mrs. St.C. R., New York, N.Y.
Gebirtig, T. ..... Toronto
Graham, A. H. ..... Simcoe

Grainer, M. ..... Toronto
Green, N. H. ..... Agincourt
Golden, I. M. ..... Toronto
Gordon, A. ..... Toronto

Hale, A. S. ..... Stratford
Hartnett, G. J. ..... Toronto
Harris, C. S. ..... Toronto
Harris, G. W. ..... Rodney
Harvey, M. C. ..... Fergus
Harvey, M. H. ..... Princeton
Hendry, J. R. ..... Toronto
Hetherington, H. W., St. Catharines
Hopkins, J. E. ..... Stony Creek
Howe, H. F. ..... Palmerston
Hutton, F. T. ..... St. Mary's
Hudson, L. ..... Toronto

Ireland, F. A. ..... St. Catharines

Jackson, Miss V. A. ..... Orillia
Jennings, G. H. ..... Brantford
Jessel, L. ..... Toronto
Jones, E. M. ..... Hamilton

Kean, G. J. ..... Toronto
Kilgour, D. G. ..... Guelph

Kiteley, P.....Glen Allan
Kreiner, J. H. . . . . Kitchener

Laing, W. C.....Brantford
Lancaster, W. E. G. . . .Kingsville
Lee, W. W.....Stony Creek
Levinter, I.....Toronto
Linklater, E. W.....Wingham
Long, E. C. . . . . Listowel
Lamont, J. L. . . . . Brussels

Martin, C. A.....Milton West
Martin, G. G.....Campbellford
Merritt, E. G.....Chatham
Miller, H. R. . . . . Selkirk
Moffat, G. F. . . . . Weston
Monypenny, Miss A. D...Toronto
Moorhead, E. E.....Toronto
Morgan, A. E.....Toronto
Mounce, A. R. E.....Oshawa
Montgomery, S. R. P.....Toronto
Murray, L. A.....Windsor
Murdoch, D. J. . . . . Markdale
Myers, F. C.....St. Mary's
McAllan, N. R.....Woodstock
McClure, R. B.....Toronto
McCormick, W. K.....Harrow
McCullough, Miss D. J....Toronto
Macdonald, Miss F.....Pinette
McDonald, R. H.....Lakeside
MacDonald, W. G.,
Sault Ste. Marie
McGarry, J. R.....Niagara Falls
McGarvah, A. W.....Windsor
McKee, W. A.....Millbank
McLellan, C. W.....Mount Forest
McLellan, T. G.....Weston
MacNeil, R. R. . . . . Oakville

Nesbitt, Miss E.....Toronto
Nolan, C. J.....Toronto

O'Connor, M. J.....Toronto
O'Donnell, B. A. P.....Toronto
Oke, Miss I. R.....St. Catharines
Orechkin, I. W.....Windsor
Orechkin, S. H.....Windsor
Organick, M.....Toronto
Orton, J. H. . . . . Orillia

Parker, J. A.....Woodstock
Parnell, H. M.....St. Catharines
Parry, G. O.....Toronto
Pauley, G. E.....Gananoque
Perfect, F. R.....Toronto
Pollock, J.....Toronto

Richardson, W. F.....Maitland
Robert, J. T.....Chatham
Robinson, P. J.....Toronto
Rogers, C. W.....Newmarket
Running, D. H.....Agincourt
Russell, D. C.....Hamilton
Russell, Miss M. P.....Toronto
Ryan, T. J.....Toronto

Sansone, A. J.....Hamilton
Scanlon, M. F.....Toronto
Scott, J. F. . . . . Barrie
Shaul, N.....Toronto
Shaul, S.....Toronto
Shirley, R. K.....Pickering
Simpson, R. N. . . . . Thornhill
Singleton, A. C.....Toronto
Skinner, H. A. L.....Guelph
Smylie, C. H.....New Liskeard
Snell, G. C. . . . . Alliston
Stanley, A. M. . . . . Lucan
Stone, R. S.....Chatham
Streets, C. W. . . . . Bridgeburg
Sullivan, O. P. . . . . Orillia

Templin, Miss M. I.....Fergus
Temes, S.....Toronto
Teskey, L.....Toronto
Thomas, C. H.....Forest
Tom, Miss M. I.....Goderich
Trapp, Miss D. M.,
New Westminster, B.C.
Travers, J. T.....Sudbury
Tucker, W. L.....St. Thomas

Underhill, F. W.....Aurora
Urquhart, C. H.....Toronto
Urquhart, Miss A. L.....Toronto

Vallentyne, J. E.....Wilfrid

Watson, G. H.....Port Credit
Watson, J. A.....Snelgrove
Watson, M. C.....Bolton
Wellwood, M. B.....Richmond Hill
Wolseley, R. G.....Campbellville

Second Year.

Allen, H. M.....Toronto
Andrew, O.....Oakville
Anderson, A. L....Saskatoon, Sask.
Arthur, W. S.....Toronto
Balfe, T. H.....Hamilton
Bird, G. L.....Brighton
Blampin, Miss W. A.,
Westmount, P.Q.
Bradley, B. V.....Toronto
Brady, H. A.....Toronto
Brown, Miss C. A.....Toronto
Brown, E. W.....Regina, Sask.
Bulmer, F. M. R.....Toronto
Byers, J. W. R.....Bailieboro

Campbell, F. C.....Hepworth
Carter, J. J.....Clifford
Case, G. E.....Dungannon
Claridge, V. O.....Grand Valley

Deavitt, J. B.....Toronto
Danis, J. T.....Ottawa
Dawson, L. E.....Toronto
Dollar, G. L.....Toronto
Duncan, W. S.....Port Credit

Ellis, E. W.....Toronto

Folinsbee, Miss M. E.....Toronto
Fraser, G. M.....Toronto

Gallaugher, L. C.....Lisle
Garratt, Miss G. C.....Toronto
Gillrie, R. B.....Drayton
Glasgow, G. K.....Tupperville
Grady, Miss L. R.....Peterborough
Green, C. O. P.....Port Hope

Hamill, F. C.....Meaford
Hanley, E. G.....Midland
Helston, G. E.....Toronto
Henry, C. R.....Drayton
Hewgill, J. C.....Toronto
Hobson, W. J.....Milford
Hurley, J. C.....Toronto

Johnston, H. W.....Drayton

Kerr, J. B.....Chatham
Koster, B. M.....Toronto

Lang, R. S.....Orono
Laughlin, E. R.....Point Anne
Lee, P. A.....Kingsville
Lehman, E. J.....North Bay
Lehrman, D.....Toronto
Leonard, P. J.....Toronto

Mallin, D.....Toronto
Markowitz, C. A.....Toronto
Martin, A. D.....St. Mary's
Martin, R. C.....Newburgh
Mayne, C. H.....Drayton
Middleton, R. H.....Caledonia
Mills, O. G.....Tottenham
Montgomery, R. C.....Harriston
Morris, N. D.....Orillia
Murray, D. W. G.....St. Pauls

McCormack, O. L.....Toronto
McCorvie, C. R.....Chatham
McDonald, J. G. L. .Little Current
McDonald, J. J. A.....Orillia
Macdonald, J. H. A.....London
McGarry, J. M.....Niagara Falls
McHugh, M. J.....Orillia
McKinnon, N. E.....Priceville
McQuitty, M.....Douglas

Newhouse, J. A.....Snelgrove
Noonan, W. T.....Mount Forest

O'Brien, J. M.....Erinsville

Pamphilon, W. M.....Toronto
Pennock, G. M.....Ottawa
Phillips, H. S.....Smith's Falls
Price, Miss R.....Libau, Russia

Russell, S. M.....Owen Sound

Scott, H. R.....Maxville
Shaw, A. E.....Bluevale
Sheppard, R. J.....Queenston
Shoniker, H.....Toronto
Slocombe, G. W.....Port Dover
Smylie, R. T.....New Liskeard
Sneath, P. A. T.....Toronto
Speers, Miss F. E.....Toronto
Stephens, R. W.....Wiarton
Stone, A. L.....Hawkestone
Stover, I.....Chatham
Switzer, J. W.....St. Mary's

Tice, J. W.....Oshawa
Tipping, C. E.....Toronto
Trackman, J. A.....Toronto

Van Wart, A. F., Fredericton, N.B.

Walden, A. P.....Guelph
Walters, A. G.....Southend
Watson, C. H.....Bolton
Weir, N. A.....Toronto
Williamson, Miss A. B...Beaverton
Williams, Miss M. M.....Beeton
Wladowsky, Miss M.....Toronto
Woodhouse, W. W...Niagara Falls

Yuskewitz, M. E.....Toronto

Zarnke, E. E.....Kitchener
Zwick, F. F.....Stirling

Third Year.

Anderson, J. P.....Wilsonville
Armstrong, A. G.....Codrington
Armstrong, H. G.....Brussels
Atwell, W. C.....Toronto

Baker, H. E.....Elmvale
Bartley, Miss K. M.....Toronto
Bastow, D. C.....Toronto
Bicknell, N. J.....Toronto
Blye, R. A.....Oakville
Bulman, R. J.....Toronto
Brown, M. J.....Toronto

Chambers, G. L.....Toronto
Charteris, W. F.....Toronto
Chester, J. F. V.....Toronto
Clark, H. G.....Toronto
Cross, W. D. S.....Gravenhurst

Danby, S. L. E.....Ottawa

Eagles, G. H.....Owen Sound
Edwards, J. C. R.....Sunderland
Ellis, T. A.....Niagara Falls South
Ewart, E. W.....Bolton

Feader, F.....Toronto
Ferguson, H.....Uxbridge
Ferguson, J. S.....Chatham
Ferrier, C. W. G.....Mimico

Glassberg-Volpe, A.....Toronto
Gear, J. D.....Erin
Gordon, A. C.....Toronto
Graham, J. A.....Toronto

Hague, O. G.....Toronto
Hain, G. E.....Toronto
Harrison, Miss E. D.....Toronto
Haskett, F. H.....Watford
Hendry, H. W.....Toronto
Henry, W. E.....Markdale
Hogarth, W. F.....Fort William

Irvine, P. L.....Drayton

Jewell, R. M.....Toronto
Jordan, G. A.....Toronto

Kelly, Miss F. A.....Sudbury

Langhorn, C. R.....Hamilton
Lanspeary, W. D.....Windsor
Lloyd, F. P.....Saskatoon, Sask.
Lowrie, H. A.....Toronto

Masson, D. M.....Toronto
Mitchell, N. H.....Hamilton
Moon, H. E.....Sydenham

McCart, H. W. D.....Toronto
McClintock, J. J.....Lisle
McConney, Mrs. F. S.....Toronto
McClure, Miss J. R.....Toronto
McDonald, G. O.....Lakeside
McGillivray, J. E.....Weyburn
McIntosh, P. D.....Toronto
McLeod, J. H.
Kingstown, St. Vincent, B.W.I.
Macnamara, H. O.....Toronto
McQueen, M. D.....Comber

Nelson, E. J.....Guelph
Nickle, F. J.....Malone
Nunn, J. E.....Landis, Sask.

Palmer, R. E.....Toronto
Pickett, P. E.....Twin Falls, Idaho
Poulin, F. L.....Ottawa
Puffer, DeW. S.....Toronto

Ramsey, G. H. S.....Toronto
Rapp, B.....Toronto
Ratz, R. G.....Elmira
Richardson, R. N. C.....Toronto
Rittinger, F.....Kitchener
Robbins, F. C.....Toronto
Rush, J. W.....Toronto
Russell, N. H.....Toronto

Sauder, P.....Markham
Shannon, N. H.....Toronto
Shaw, Miss V. A.....Windsor
Shaver, R. C.....Toronto
Shunk, E. S. M.....Toronto
Sievenpiper, S.....Stouffville
Skipper, S. C.....Kingsville

Stewart, A. E. . . . . Ancaster
Stuart, Miss M. M. . . Williamstown

Thompson, I. B. . . . . Harrow
Thomson, Miss A. E.,
Lowerre Summit, Yonkers, N.Y.

Watson, G. F. . . . . Havelock
Wheler, E. G. . . . . Toronto
Wilson, D. G. . . . . Gananoque
Wilson, F. H. . . . . Stouffville
Woods, W. E. . . . . Fergus

Fourth Year.

Alexander, W. P. J. . . . . Madoc
Anderson, Miss A. J. . . . . Toronto
Avison, D. B. . . . . Smith's Falls

Battley, J. C. S. . . . . Sarnia
Bell, F. J. . . . . Toronto
Bell, Miss H. Y. . . . . London
Brayley, L. G. . . . . Toronto
Bunt, M. H. . . . . Collingwood

Carleton, E. A. . . . . Roslin
Carter, T. P. . . . . Schomberg
Clouse, E. B. . . . . Toronto
Connell, W. M. . . . . Lucknow
Cornwall, W. D. . . . . Toronto
Cowan, Miss M. L. . . . . Seaforth
Cruikshank, H. C. . . . . Hamilton

Devins, C. J. . . . . Thornbury
Dobson, H. V. . . . . Toronto
Dowler, V. B. . . . . Fort William

Esser, D. . . . . Toronto
Evelyn, S. J.,
Annotto Bay, Jamaica

Fitzpatrick, C. P. . . . . Toronto
Forge, F. W. . . . . Moose Jaw, Sask.
Found, N. . . . . Bowmanville
Free, F. deF. . . . . Campbellford

Graef, F. W. . . . . Clifford
Graham, N. F. W. . . . . Toronto

Halliday, D. . . . . Belgrave
Hayes, J. V. . . . . Peterboro
Hill, J. C. . . . . Orillia
Hewson, R. D. . . . . Red Deer, Alta.

Jeffrey, G. S. . . . . Caledonia
Jones, G. R. . . . . Webbwood

Kemp, M. W. . . . . Mono Road
Kennedy, Miss C. I. M. . Wingham
Kerr, Miss M. G. . . . . Toronto
Kirkup, N. N. . . . . Barrie
Kiteley, Miss E. L. . . . . Bradford

Lane, H. B. . . . . Toronto
Lipsett, H. . . . . Toronto
Lipsitt, G. E. . . . . Mount Bridges
Locke, F. D. . . . . Edmonton
Logie, W. D. . . . . Sarnia

Marvin, Miss B. V. . . . . Belleville
Miller, J. R. . . . . Iroquois
Muir, D. . . . . St. Mary's
Muir, Miss H. M. . . . . Toronto
Mulligan, C. V. . . . . Omemee

McClinton, W. S. . . . . Midland
McLean, A. L. . . . . Toronto

Neelands, Miss L. G. . . . . Forest

Paterson, R. S. . . . . Blantyre
Pequegnat, L. A. . . . . Kitchener
Phillips, T. G. W. . . . . Toronto
Podnos, A. . . . . Toronto

Spratt, W. L. . . . . Ottawa
Steinhauer, W. B. . . . . Morley
Stevenson, H. G. . . . . Toronto
Stoll, E. L. . . . . Niagara Falls
Stover, C. B. . . . . Toronto
Sullivan, B. C. . . . . Toronto

Tiffin, M. E. . . . . Vancouver, B.C.

Young, C. O. . . . . Toronto

Zumstein, G. T. . . . . St. Catharines

Fifth Year.

Agnew, G. H. . . . . Toronto
Aitchison, W. S. . . . . Elora
Alton, J. A.,
Fort Saskatchewan, Alta.
Archibald, C. H. . . . . Toronto

Baker, R. H. . . . . Parkhill
Banting, O. F. . . . . Lucan
Barnes, W. B. . . . . Toronto
Batten, W. H. . . . . Toronto
Bentley, G. A. . . . . Port Arthur

Benwell, C. E...Birmingham, Sask.
Boles, W. P.....Stratford
Bond, C. E.....Galt
Boyd, Miss G. L.....Toronto
Brown, C. C.....Stayner
Bulmer, Miss M. A. C.....Toronto

Cain, R. F.....Sault Ste. Marie
Carlisle, V.....Windsor
Cohen, B.....Toronto
Copp, J. C.....Clinton
Couch, A. E. H.....Woodstock
Coulson, E. G.....Leamington
Cox, M. A.....Toronto
Cromarty, R. P.....Toronto
Cunningham, W. H.....Greenoch

Eede, J. R. L.....Leamington
Edmonds, L. C.....Toronto
Erb, I. H.....Stratford

Farmer, G. R. D.....Ancaster
Feader, H.....Toronto
Findlay, C. A.....Manotick
Fleming, R. J. M.....Toronto

Gamey, L. R.....Gore Bay
Garbutt, C. T. P.....Norham
Geddes, W. A. S.....Ailsa Craig

Harris, W.....Toronto
Henry, W. J.....Markdale
Holmes, A. B.,
New Westminster, B.C.
Holmes, W. H.....Toronto
Hughes, J. V.....London

Jones, H. O.....Goderich

Kennedy, R. B.....Essex

Lane, W. R.,
New Westminster, B.C.
Lazenby, F. S.....Toronto
Leach, J. W.....Meaford
Leonard, S. C.....Bright
Lloyd, I. M.....Newmarket
Locke, W. B.....Toronto
Low, D. M.....Vancouver, B.C.
Lunz, G. J.....Drayton

Malyon, R. H.....Uxbridge
Meader, Miss F. M.....Toronto
Mitchell, F. R.....Meaford

McCallum, D.....Toronto
McClelland, J. H. C.....Toronto
McCosh, J. T.....Paris
MacDonald, J. D.....Teeswater
McKay, D. W.,
New Westminster, B.C.
McLeod, N. D.....Hawkestone
McNally, H. J.....Kitchener
McNevin, F. P.....Uxbridge
Macpherson, A. W.....St. Thomas

Nesbitt, J. H.....Downsview
Nettleton, E.....Toronto

Owen, T.....Toronto

Parks, W. R.....Toronto
Perlman, D.....Toronto
Pratt, C. V.....Toronto

Quint, W. S.....Toronto

Rankin, R. W.....North Bay
Riseborough, E. C.....Ridgetown
Robertson, J. M.....Toronto
Rymal, L. C.....Hamilton

Scott, W. J.....Richmond Hill
Siegel, M.....Hamilton
Simpson, R. W.....Waldemar
Sinclair, H.....Toronto
Smith, J. R.....Harrow
Snider, Miss L. H.....Toronto
Soules, M. H.....Toronto
Spence, R. J.....Orangeville
Stevenson, G. H.....Hamilton
Stephenson, B. G.....Toronto
Strachan, J. G.....Toronto
Street, H. W.....Owen Sound
Stuart, L. M.....Galt
Sullivan, H.....Bruce Mines

Tomlinson, N. F.....Langstaff
Tucker, R. M.....Allanburg

Valens, A. W.....Lamont, Alta.
Van Etter, O.....Rodney

Wagner, L.....Kitchener
Walker, F. N.....Toronto
Werden, W. A.....Mimico
West, S. E. T.....Angus

DENTAL STUDENTS.

Avery, C. H.....Toronto

Babcock, F. E.....Yarker
Backus, A. D.....Durham
Bartholomew, J. W.....Toronto
Barton, A. J. T.....Beeton
Bateman, H. R.....Mount Forest
Bayne, H. C.....Mewbury
Beach, F. W.....Winchester
Bell, J. W.....Hamilton
Bell, L. R.....Toronto
Ben-Ezra, I. M....Winnipeg, Man.
Blabely, W. M.....Thomasburg
Blancher, K. A.....Athens
Box, W. M.....Calabogie
Bradley, R. W.....Toronto
Bregman, B.....Toronto
Brown, H. M...Bonavista, Nfld.
Brownlee, H..... Grimsby
Burwell, J. C.....Aurora
Butler, F. A.....Aurora
Buttery, G. A.....Herbert, Sask.

Caulfield, H. J.....Mount Forest
Clark, A. M.....Odessa
Cleave, P..... Killarney, Man.
Clermont, C. C....Weyburn, Sask.
Code, H. M.....Toronto
Cooper, A. F.....Clinton
Countryman, J. G.....Chesterville
Courville, C. A.....Alexandria

Day, H. R.....Wingham
Dean, R. A.....Mono Rd.
Dupuis, L. F.....St. Raphaels
Durant, W. L.....Vankleek Hill

Eckel, H. W.....Clifford

Farrell, V. R.....Grimsby
Fralick, R. F.....Toronto
Fraser, J. E.....Alliston
Frawley, G. L.....Toronto

Gabriel, J. M.....Shelbourne
Garbutt, H. R.....Aurora
Gemeroy, G. A.....Winchester
Giffen, J. F.....Strathroy
Gilbert, S. C.....Mansfield
Golding, J. W.....Brampton
Gollop, F. G.....Norval
Goodman, S. G...Stoughton, Sask.
Grace, A. W.....Ottawa
Graham, J. A...Glace Bay, N.S.
Green, J. C.....Peterboro
Green, J. O.....Arnprior
Gunton, C.....Toronto

Hall, R. W.....Vancouver, B.C.
Hartley, M. W.....Petrolia
Haryett, R. E.....Fort Stewart
Haynes, N. W.....Fullarton
Hesson, E. J....Sault Ste. Marie
Hicks, E. D.....Watford
Hillis, R. R.....Guelph
Himelstein, I. L.....Toronto
Hiscox, R. J.....Snelgrove
Hughes, P. C.....Brandon, Man.

Johnson, L. A.....Toronto
Joynt, G.....Wingham

Kelly, C. J.....Markdale
Kemp, S.....Mono Rd.

Laidley, C. H.....Janetville
Lally, J. V.....Cornwall
Lapp, J. S.....Toronto
Leach, H. W.....North Gower
Long, V. C.....Toronto
Lundy, B.....Toronto
Lynes, J. P.....Orillia

Mahoney, C. J.....Toronto
Mallett, G. S.....Toronto
Mayer, M. A.....Toronto
Milburn, S. A.....Chesley
Miller, L. J.....Eberts
Miller, W. J. H.....Blackstock
Mitchell, G. F.....Mono Rd.
Mitchell, W. B.....Woodstock
Mitchell, W.....Mission City, B.C.
Model, S.....Toronto
Morgan, G. S.....Toronto
Morrison, J. D...Earl Grey, Sask.
Morton, G. A.....Belleville
Moss, S. I.....Toronto
Murphy, N. J.....Mount Forest
Murray, W.....Toronto

McKee, G. H..... Southampton
McLachlan, D..... Kenmore
McLachlan, J. R.....Hamilton
McLachlan, L. E.....Ottawa
McLaughlin, R. C.....Winchester

McLean, C. A.....Toronto
MacLeod, W. D.....Lucknow
McNichol, P. H..High River, Alta.
McVicar, K. N.....Toronto

O'Connor, G. A.....Toronto
Oldham, G. E..... Bradford

Palmer, A. M.....Regina, Sask.
Perdue, G. G.....Downeyville

Quigley, N. J.....Orillia

Race, W. W.....Brantford
Rodwell, W. J.....Weston
Ross, H. A.....Calgary, Alta.
Rubenstein, J.....Sault Ste. Marie

Sadleir, E. A.....Lucan
Seymour, W. M.....Orillia
Shaunessy, J. O.....Petrolea
Snider, N. W.....Kenora
Speers, W. W.....Merton
Spence, W. A.....Orangeville
Steele, R. B.....Fergus
Stewart, G. O.....Arnprior

Taylor, H. D.....Watford
Teal, G. E.....Ridgeway
Thornley, G. A.....Shelburne

Voaden, W. W.....Teeterville

Walker, G. F.....Grimsby
Walroth, E. J.....Maberly
Walton, A. H.....Toronto
Warren, E. M.....Cornwall
Watson, D. A.....Kenmore
Weese, F. A.....Dresden
Weir, W. A.....Minitonas, Man.
Wentrope, L. M.....Toronto
Wilson, A. H.....Georgetown
Winn, R. E.....New Hamburg
Winn, N. D.....Milton West
Wood, C. D.....Erin

Zacks, M. A.....Kingston

Summary.

First Year Students.....	171
Second Year Students.....	102
Third Year Students.....	90
Fourth Year Students.....	64
Fifth Year Students.....	94
Dental Students.....	131
	652

of Toronto issues the following official
ons, any one of which may be had on appli-
o the Registrar of the University or to the
ry of the particular Faculty respecting
information is sought:

ılum for Junior Matriculation.

dar of the Faculty of Arts.

ndar of the Faculty of Medicine.

endar of the Faculty of Applied Science and Engineering.

alendar of the Faculty of Education.

Calendar of the Faculty of Forestry.

Calendar of the Faculty of Music.

Calendar for the Summer Session.

Miscellaneous Curricula.

Calendar of the Department of Social Service.

Announcement of the Board of Graduate Studies.

Bulletin of Information respecting Graduate Facilities